# **GUYED TOWERS**



# G-SERIES TOWERS -

ROHN began manufacturing the G-Series line of towers in the early 1950's. Starting with the ROHN No. 5 tower, there was an ever present drive for a superior tower design. The No. 5 soon led to the ROHN No. 6 and continued through the No.10, 11, 20, 25, 30, 40 and 50 towers. ROHN originally coated the lightweight towers with a hot-dipped enamel coating called RohnKote. The alternative to RohnKote was hot-dipped galvanizing. The galvanized option was identified by the now famous "G" suffix added to the tower model. The G-Series was born! The numbers have settled to the four models listed below and hot-dip galvanizing is the coating of choice for towers today.

ROHN's G-Series towers are designed for strength and versatility. The towers are constructed with high strength steel tubing or solid round legs. ROHN's exclusive Zig-Zag solid-rod bracing provides exceptional strength. As they were in the 1950's, each ROHN G-Series tower continues to be hot-dip galvanized for corrosion protection.

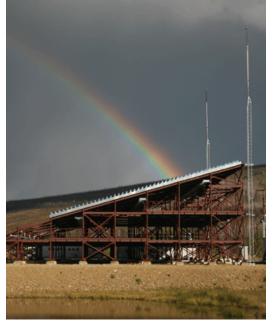
## 25G | 45G | 55G | 65G

The 25G is a light weight tubular tower with solid braces. The tower sections are most often guyed, but can also be used in bracketed and self-supporting applications. Standard sections are 10' in length, but are also available in a 7' length, which is UPS shippable. This tower model has several top options, as well as a variety of tower accessories. The 25G has several base options, including: base cast in concrete, base plate with anchor bolts and also a hinged base.

#### **Standard Design Tower Heights**

Guyed: Up to 190' Bracketed: Up to 100' Self-Supporting: Up to 40'





## 25G | **45**G | 55G | 65G

The 45G is a light weight tower, available with tubular or solid round legs with solid braces. The tower sections are most often guyed, but can also be used in bracketed and self-supporting applications. Standard sections are 10' in length, but are also available in a 20' length when ordering solid sections. This tower model has several top options, as well as a variety of tower accessories. The 45G has several base options, including: base cast in concrete, base plate with anchor bolts and also a hinged base. This tower is a true multi-use structure.

#### **Standard Design Tower Heights**

Guyed: Up to 300' [45G] and 350' [45GSR] Bracketed: Up to 100' Self-Supporting: Up to 45'



## 25G | 45G | **55**G | 65G

The 55G is a tubular tower with solid braces that lends itself to a wide variety of uses, particularly where unusual wind loading and height requirements exist. The 55G was designed to provide excellent strength and rigidity. The tower sections are most often guyed, but can also be used in bracketed and self-supporting applications. Standard sections are 10' in length. This tower model has several top options, as well as a variety of tower accessories. The 55G is available with a base cast in concrete as well as a tapered base option.

#### **Standard Design Tower Heights**

Guyed: Up to 400' Bracketed: Up to 100' Self-Supporting: Up to 60'



## 25G | 45G | 55G | 65G

The 65G is available with tubular or solid round legs with solid braces. The tower sections are most often guyed, but can also be used in self-supporting applications. Standard sections are 10' and 20' in length. This tower model has a variety of tower accessories, and is available with a base cast in concrete or a tapered base.

#### **Standard Design Tower Heights**

Guyed: Up to 500' Self-Supporting: Up to 80'

The ROHN G-Series towers are assembled and installed quickly and are diverse enough for use by broadcasters, fire and police, military, ham and home use. The possibilities are endless with the G-Series towers. Over the long history of the G-Series, ROHN has developed a variety of options to improve the utility of each model. The G-Series has optional:

- Standard and Shortened Sections
- Guy Lug Sections
- Four Leg (Square) Design of 25G
- Double Braced Sections

- Double Braced Sections
- Torque Arms
- Roof Mounts
- Top Mounts

- House Brackets
- Base Options
- Side Arms

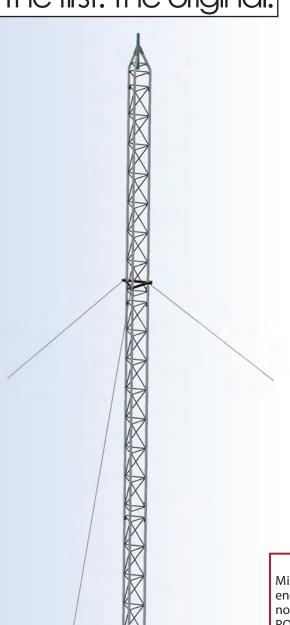
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#### STANDARD 25G GUYED TOWER





**25G** 



#### **GENERAL USE**

The 25G is available in the standard 10' section length and a 7' length which is UPS shippable. The 25G uses double bolted joints, proven to be the best method of joining tower sections for sturdiness and dependability. As a guyed structure, the 25G standard designs rise to a height of 190'.

#### **FEATURES**

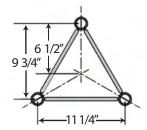
- Completely hot-dip galvanized after fabrication
- Built on an 11 1/4" equilateral triangle design
- High strength tubular legs joined by Zig-Zag<sup>®</sup> cross members
- Each 7' or 10' section contains all required nuts and bolts shipped with section
- Continuous solid round steel bracing

#### **CAUTION**

Mixing copies of ROHN towers with ROHN towers is dangerous and voids all engineering and warranty data supplied by ROHN. Materials used by others are not the same quality and have not been tested or engineered by ROHN. Mixing ROHN tower sections with non-ROHN products may cause tower failure or injury.

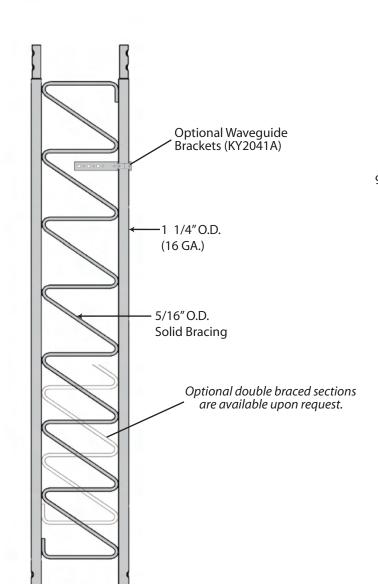
Per Rev G requirements, any structure greater than 10' requires a climber safety device. Please see page 40 for ordering information.

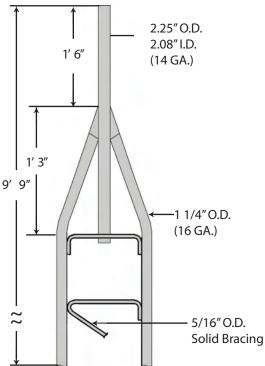
## STANDARD 25G GUYED TOWER SECTIONS



#### **QUICK REFERENCE**

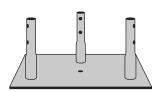
PARTS & ACCESSORIES PAGES 37-40
GROUNDING INFORMATION PAGE 41
FOUNDATION INFORMATION PAGES 41-44





## STANDARD TOP SECTION 25AG2

Additional 25G top sections are shown on page 37.



#### **CONCRETE BASE PLATE**

BPC25G\*

FOR USE WITH 3/4X12PP PIER PIN EMBEDDED IN CONCRETE.

Additional base sections are available, please see page 38.

**STANDARD SECTION 25G** - 10' Section

OPTIONAL 7' SECTION 25G7 - 7' Section

The 7' Section is UPS shippable.

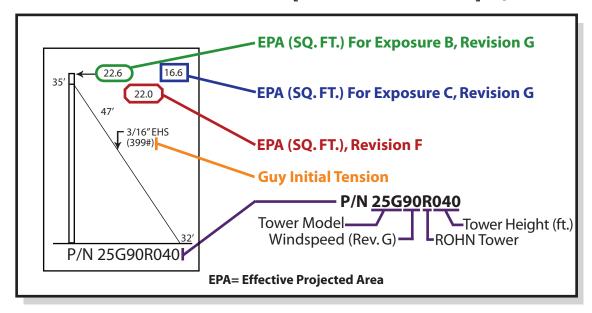
<sup>\*</sup>Towers mounted on these bases must be bracketed or guyed at all times. Temporary steel guying may also be necessary during installation and dismantling.



## BUYERS GUIDE STANDARD DESIGNS - 25G 90MPH REV. G [3-SECOND GUST]

70MPH REV. G [3-SECOND GUST] 70MPH REV. F [FASTEST MILE]

Design Criteria



This document is to serve as a guide for sizing and purchasing the 25G tower. Tower and foundation installations should be performed by qualified and experienced personnel using assembly drawings provided with each tower.

#### **DESIGN NOTES:**

- 1. Tower designs are in accordance with ANSI/TIA-222-F and ANSI/TIA-222-G, Class I Structures, Topographic Category 1.
- 2. Design assumes towers are installed on level ground. Lower EPA values will apply for roof mounted towers or for sites located on unusual terrain.
- 3. Designs assume two 1/2" diameter lines on each tower face.
- 4. Anchor radius is from tower base to intersection of anchor rod with ground.
- 5. Guy chord lengths shown are based on level ground. Initial tensions for guys are shown in ( ) in pounds at 60° Fahrenheit.
- 6. Antenna and mounts are assumed symmetrically placed at the tower top.

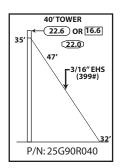
#### **PARTS LIST NOTES:**

- 1. Items listed are required for complete guyed towers.
- 2. Base and anchor foundations listed refer to standard foundation designations.
- 3. Guys provided with each standard tower are based on level ground conditions with an additional 6% length.
- 4. Rev G anchor grounding (AGK1GGX) and base grounding (BGK3GGX) are included with the tower material.
- 5. Assembly drawings and a safety package (P/N: ACWS) are included with each tower.
- 6. Parts lists are subject to change based on availability or revised design criteria.

FOR FOUNDATION INFORMATION, PLEASE SEE PAGES 41-44.
FOR GENERAL INSTALLATION INFORMATION, PLEASE SEE PAGES 147-153.



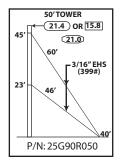




TOWER PARTS INCLUDED	050	05400	DDOOLO	GA25GD	FDNS	
	25G	25AG2	BPC25G	GAZSGD	BASE	ANCHOR
	3	1	1	1	CB1G	AB2
GUYS & CONNECTIONS INCLUDED	3/16EHS	BG2142	5/16THH	1/2TBE&J	TBS	AFETY
	175'	6	6	3	3	
ANCHORS & GROUNDING INCLUDED	GAC3455TOP	AGK1GGX	BGK3GGX	CPC.5/.75	3/4x12PP	
	3	1	3	3		1

#### 40' ROHN 25G

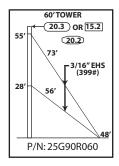
All parts shown in table are included when ordering Part No: 25G90R040



	25G	25AG2	BPC25G	GA25GD	FDNS	
TOWER PARTS	250	25AG2	BF 023G	GAZJGD	BASE	ANCHOR
INCLUDED	4	1	1	2	CB1G	AB2
GUYS & CONNECTIONS INCLUDED	3/16EHS	BG2142	5/16THH	1/2TBE&J	TBS	AFETY
	350'	12	12	6		3
ANCHORS &	GAC3455TOP	AGK1GGX	BGK3GGX	CPC.5/.75	3/4x	12PP
GROUNDING INCLUDED	3	1	3	3		1

#### 50' ROHN 25G

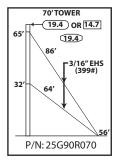
All parts shown in table are included when ordering Part No: 25G90R050



TOWER BARTO	25G	25AG2	BPC25G	GA25GD		ONS
TOWER PARTS					BASE	ANCHOR
INCLUDED	5	1	1	2	CB1G	AB2
GUYS &	3/16EHS	BG2142	5/16THH	1/2TBE&J	TBS	AFETY
CONNECTIONS INCLUDED	425'	12	12	6	3	
	GAC3455TOP	AGK1GGX	BGK3GGX	CPC.5/.75	3/4x	12PP
GROUNDING INCLUDED	3	1	3	3		1

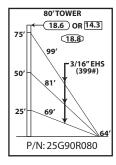
## 60' ROHN 25G

All parts shown in table are included when ordering Part No: 25G90R060



TOWER PARTS INCLUDED	25G	25AG2	BPC25G	GA25GD	FDNS
	25G	25AG2			BASE ANCHOR
	6	1	1	2	CB1G AB2
GUYS & CONNECTIONS INCLUDED	3/16EHS	BG2142	5/16THH	1/2TBE&J	TBSAFETY
	500'	12	12	6	3
ANCHORS & GROUNDING INCLUDED	GAC3455TOP	AGK1GGX	BGK3GGX	CPC.5/.75	3/4x12PP
	3	1	3	3	1

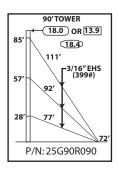
All parts shown in table are included when ordering Part No: 25G90R070



	050	25462	DDOOLO	040500	FDNS	
TOWER PARTS	25G	25AG2	BPC25G	GA25GD	BASE	ANCHOR
INCLUDED	7	1	1	3	CB1G	AB2
GUYS & CONNECTIONS INCLUDED	3/16EHS	BG2142	5/16THH	1/2TBE&J	TBSAFET	
	800'	18	18	9	3	
	GAC3455TOP	AGK1GGX	BGK3GGX	CPC.5/.75	3/4×	12PP
GROUNDING INCLUDED	3	1	3	3		1

#### 80' ROHN 25G

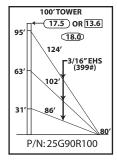
All parts shown in table are included when ordering Part No: 25G90R080



TOWER PARTS INCLUDED	25G	25AG2	BPC25G	GA25GD		ONS ANCHOR
	8	1	1	3	CB1G	AB2
GUYS & CONNECTIONS INCLUDED	3/16EHS	BG2142	5/16THH	1/2TBE&J	TBS	AFETY
	900'	18	18	9	3	
ANCHORS & GROUNDING INCLUDED	GAC3455TOP	AGK1GGX	BGK3GGX	CPC.5/.75	3/4x12PP	
	3	1	3	3		1

#### 90' ROHN 25G

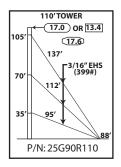
All parts shown in table are included when ordering Part No: 25G90R090



TOWER PARTS INCLUDED	25G	25AG2	BPC25G	GA25GD	FDNS BASE ANCHOR
	9	1	1	3	CB1G AB2
GUYS & CONNECTIONS INCLUDED	3/16EHS	BG2142	5/16THH	1/2TBE&J	TBSAFETY
	1000'	18	18	9	3
ANCHORS & GROUNDING INCLUDED	GAC3455TOP	AGK1GGX	BGK3GGX	CPC.5/.75	3/4x12PP
	3	1	3	3	1

#### 100' ROHN 25G

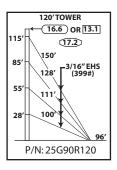
All parts shown in table are included when ordering Part No: 2590R100



TOWER PARTS INCLUDED	25G	25AG2	BPC25G	GA25GD	FDNS BASE ANCHOR
	10	1	1	3	CB1G AB2
GUYS & CONNECTIONS INCLUDED	3/16EHS	BG2142	5/16THH	1/2TBE&J	TBSAFETY
	1100'	18	18	9	3
ANCHORS &	GAC3455TOP	AGK1GGX	BGK3GGX	CPC.5/.75	3/4x12PP
GROUNDING INCLUDED	3	1	3	3	1

### 110' ROHN 25G

All parts shown in table are included when ordering Part No: 25G90R110



TOWER PARTS INCLUDED	25G	25AG2	BPC25G	GA25GD		DNS ANCHOR
	11	1	1	4	CB1G	AB2
GUYS & CONNECTIONS INCLUDED	3/16EHS	BG2142	5/16THH	1/2TBE&J	TBS	AFETY
	1575'	24	24	12	3	
ANCHORS & GROUNDING INCLUDED	GAC3455TOP	AGK1GGX	BGK3GGX	CPC.5/.75	3/4x12PP	
	3	1	3	3		1

#### 120' ROHN 25G

All parts shown in table are included when ordering Part No: 25G90R120

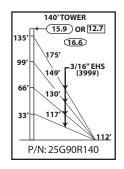
	130'TOWER
Ιг	← 16.2 OR 12.9
125′	17.0
93'	163′
	140′ – 3/16″ EHS (399#)
62'	121′
	\ <b>X</b> \
31′	108
	104'
F	P/N: 25G90R130

TOWER PARTS INCLUDED	25G	25AG2	BPC25G	GA25GD	FDNS	
	12	1	1	4	BASE CB1G	ANCHOR AB2
GUYS &	3/16EHS	BG2142	5/16THH	1/2TBE&J	TBS/	AFETY
CONNECTIONS INCLUDED	1700'	24	24	12	3	
ANCHORS &	GAC3455TOP	AGK1GGX	BGK3GGX	CPC.5/.75	3/4x	12PP
GROUNDING INCLUDED	3	1	3	3		1

#### 130' ROHN 25G

All parts shown in table are included when ordering Part No: 25G90R130

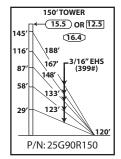




TOWER PARTS INCLUDED	25G	25AG2	BPC25G	GA25GD	FDNS BASE ANCHOR
	13	1	1	4	CB1G AB2
GUYS & CONNECTIONS	3/16EHS	BG2142	5/16THH	1/2TBE&J	TBSAFETY
INCLUDED	1825'	24	24	12	3
	GAC3455TOP	AGK1GGX	BGK3GGX	CPC.5/.75	3/4x12PP
GROUNDING INCLUDED	3	1	3	3	1

#### 140' ROHN 25G

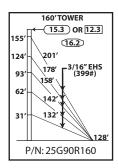
All parts shown in table are included when ordering Part No: 25G90R140



	250	05400	DDCCC	CARCO	FDNS
TOWER PARTS	25G	25AG2	BPC25G	GA25GD	BASE ANCHOR
INCLUDED	14	1	1	5	CB1G AB2
GUYS & CONNECTIONS	3/16EHS	BG2142	5/16THH	1/2TBE&J	TBSAFETY
INCLUDED	2425'	30	30	15	3
ANCHORS &	GAC3455TOP	AGK1GGX	BGK3GGX	CPC.5/.75	3/4x12PP
GROUNDING INCLUDED	3	1	3	3	1

#### 150' ROHN 25G

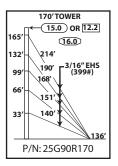
All parts shown in table are included when ordering Part No: 25G90R150



TOWER DARKS	25G	25AG2	BPC25G	GA25GD		ONS
TOWER PARTS		20,102	2. 0200	0.12002	BASE	ANCHOR
INCLUDED	15	1	1	5	CB1G	AB2
GUYS & CONNECTIONS	3/16EHS	BG2142	5/16THH	1/2TBE&J	TBSA	AFETY
INCLUDED	2600'	30	30	15		3
ANCHORS &	GAC3455TOP	AGK1GGX	BGK3GGX	CPC.5/.75	3/4×	(12PP
GROUNDING INCLUDED	3	1	3	3		1

#### 160' ROHN 25G

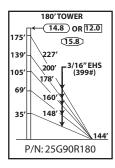
All parts shown in table are included when ordering Part No: 25G90R160



TOWER PARTS	25G	25AG2	BPC25G	GA25GD		DNS ANCHOR
INCLUDED	16	1	1	5	CB1G	AB2
GUYS & CONNECTIONS	3/16EHS	BG2142	5/16THH	1/2TBE&J	TBS	AFETY
INCLUDED	2750'	30	30	15		3
	GAC3455TOP	AGK1GGX	BGK3GGX	CPC.5/.75	3/4>	<12PP
GROUNDING INCLUDED	3	1	3	3		1

#### 170' ROHN 25G

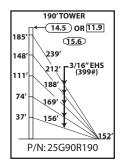
All parts shown in table are included when ordering Part No: 25G90R170



	25G	25AG2	BPC25G	GA25GD		DNS
TOWER PARTS	250	ZOAGZ	DI 0230	GAZJOD	BASE	ANCHOR
INCLUDED	17	1	1	5	CB1G	AB2
GUYS & CONNECTIONS	3/16EHS	BG2142	5/16THH	1/2TBE&J	TBS/	AFETY
INCLUDED	2925'	30	30	15		3
ANCHORS & GROUNDING	GAC3455TOP	AGK1GGX	BGK3GGX	CPC.5/.75	3/4>	12PP
INCLUDED	3	1	3	3		1

#### 180' ROHN 25G

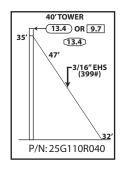
All parts shown in table are included when ordering Part No: 25G90R180



						DNS
TOWER PARTS	25G	25AG2	BPC25G	GA25GD		ANCHOR
INCLUDED	18	1	1	5	CB1G	AB2
GUYS & CONNECTIONS	3/16EHS	BG2142	5/16THH	1/2TBE&J	TBSA	AFETY
INCLUDED	3075'	30	30	15		3
	GAC3455TOP	AGK1GGX	BGK3GGX	CPC.5/.75	3/4x	12PP
GROUNDING INCLUDED	3	1	3	3		1

#### 190' ROHN 25G

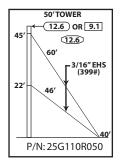
All parts shown in table are included when ordering Part No: 25G90R190



	050	05400	DDOOLO	040500	F[	DNS
TOWER PARTS	25G	25AG2	BPC25G	GA25GD	BASE	<b>ANCHOR</b>
INCLUDED	3	1	1	1	CB1G	AB2
GUYS & CONNECTIONS	3/16EHS	BG2142	5/16THH	1/2TBE&J	TBSA	AFETY
INCLUDED	175'	6	6	3		3
	GAC3455TOP	AGK1GGX	BGK3GGX	CPC.5/.75	3/4x	12PP
GROUNDING INCLUDED	3	1	3	3		1

#### 40' ROHN 25G

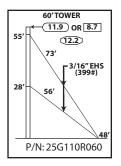
All parts shown in table are included when ordering Part No: 25G110R040



	250	25AG2	BPC25G	GA25GD	FDNS
TOWER PARTS	25G	25AG2	BPC25G	GAZSGD	BASE ANCHO
INCLUDED	4	1	1	2	CB1G AB2
GUYS & CONNECTIONS	3/16EHS	BG2142	5/16THH	1/2TBE&J	TBSAFETY
INCLUDED	350'	12	12	6	3
ANCHORS & GROUNDING	GAC3455TOP	AGK1GGX	BGK3GGX	CPC.5/.75	3/4x12PP
INCLUDED	3	1	3	3	1

#### 50' ROHN 25G

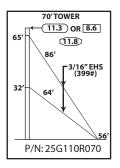
All parts shown in table are included when ordering Part No: 25G110R050



TOWER PARTS	25G	25AG2	BPC25G	GA25GD	FDNS BASE ANCHOR
INCLUDED	5	1	1	2	CB1G AB2
GUYS & CONNECTIONS	3/16EHS	BG2142	5/16THH	1/2TBE&J	TBSAFETY
INCLUDED	425'	12	12	6	3
	GAC3455TOP	AGK1GGX	BGK3GGX	CPC.5/.75	3/4x12PP
GROUNDING INCLUDED	3	1	3	3	1

#### 60' ROHN 25G

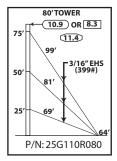
All parts shown in table are included when ordering Part No: 25G110R060



TOWER PARTS	25G	25AG2	BPC25G	GA25GD	FDNS BASE ANCHO
INCLUDED	6	1	1	2	CB1G AB2
GUYS & CONNECTIONS	3/16EHS	BG2142	5/16THH	1/2TBE&J	TBSAFET
INCLUDED	500'	12	12	6	3
	GAC3455TOP	AGK1GGX	BGK3GGX	CPC.5/.75	3/4x12PF
GROUNDING INCLUDED	3	1	3	3	1

70'	<b>ROHN</b>	25G
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All parts shown in table are included when ordering Part No: 25G110R070

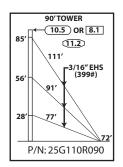


	050	25AG2	DDOOLO	CASCOD	FI	DNS
TOWER PARTS	25G	ZSAGZ	BPC25G	GA25GD	BASE	ANCHOR
INCLUDED	7	1	1	3	CB1G	AB2
GUYS & CONNECTIONS	3/16 EHS	BG2142	5/16 THH	1/2TBE&J	TBS/	AFETY
INCLUDED	800'	18	18	9		3
ANCHORS &	GAC3455TOP	AGK1GGX	BGK3GGX	CPC.5/.75	3/4	x12PP
GROUNDING INCLUDED	3	1	3	3		1

#### 80' ROHN 25G

All parts shown in table are included when ordering Part No: 25G110R080

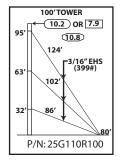




	050	05400	DDOOLO	CASCOD	FDNS
TOWER PARTS	25G	25AG2	BPC25G	GA25GD	BASE ANCHOR
INCLUDED	8	1	1	3	CB1G AB2
GUYS & CONNECTIONS	3/16EHS	BG2142	5/16THH	1/2TBE&J	TBSAFETY
INCLUDED	900'	18	18	9	3
	GAC3455TOP	AGK1GGX	BGK3GGX	CPC.5/.75	3/4x12PP
GROUNDING INCLUDED	3	1	3	3	1

#### 90' ROHN 25G

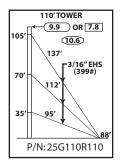
All parts shown in table are included when ordering Part No: 25G110R090



		25G	25AG2	BPC25G	GA25GD	FDNS
١	TOWER PARTS	200	20/102	DI 0230	GAZJOD	BASE ANCHOR
	INCLUDED	9	1	1	3	CB1G AB2
	GUYS & CONNECTIONS	3/16EHS	BG2142	5/16THH	1/2TBE&J	TBSAFETY
	INCLUDED	1000'	18	18	9	3
		GAC3455TOP	AGK1GGX	BGK3GGX	CPC.5/.75	3/4x12PP
	GROUNDING INCLUDED	3	1	3	3	1

#### 100' ROHN 25G

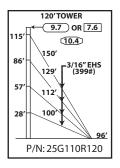
All parts shown in table are included when ordering Part No: 25G110R100



TOWER PARTS	25G	25AG2	BPC25G	GA25GD	FDNS BASE ANCHOR
INCLUDED	10	1	1	3	CB1G AB2
GUYS &	3/16EHS	BG2142	5/16THH	1/2TBE&J	TBSAFETY
CONNECTIONS INCLUDED	1100'	18	18	9	3
ANCHORS &	GAC3455TOP	AGK1GGX	BGK3GGX	CPC.5/.75	3/4x12PP
GROUNDING INCLUDED	3	1	3	3	1

#### 110' ROHN 25G

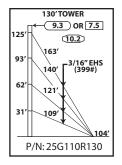
All parts shown in table are included when ordering Part No: 25G110R110



TOWER BARTO	25G	25AG2	BPC25G	GA25GD	FDNS
TOWER PARTS INCLUDED	11	1	1	4	BASE ANCHOR CB1G AB2
GUYS &	3/16EHS	BG2142	5/16THH	1/2TBE&J	TBSAFETY
CONNECTIONS INCLUDED	1575'	24	24	12	3
	GAC3455TOP	AGK1GGX	BGK3GGX	CPC.5/.75	3/4x12PP
GROUNDING INCLUDED	3	1	3	3	1

12	20′	RO	HN	25G
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All parts shown in table are included when ordering Part No: 25G110R120

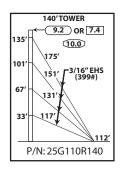


TOWER PARTS	25G	25AG2	BPC25G	GA25GD		ONS ANCHOR
INCLUDED	12	1	1	4	CB1G	
GUYS &	3/16EHS	BG2142	5/16THH	1/2TBE&J	TBS	AFETY
CONNECTIONS INCLUDED	1700'	24	24	12		3
	GAC3455TOP	AGK1GGX	BGK3GGX	CPC.5/.75	3/4x	12PP
GROUNDING INCLUDED	3	1	3	3		1

#### 130' ROHN 25G

All parts shown in table are included when ordering Part No: 25G110R130

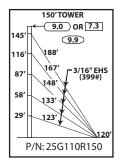




TOWER PARTS	25G	25AG2	BPC25G	GA25GD	FDNS BASE ANCHOR
INCLUDED	13	1	1	4	CB1G AB2
GUYS &	3/16EHS	BG2142	5/16THH	1/2TBE&J	TBSAFETY
CONNECTIONS INCLUDED	1825'	24	24	12	3
ANCHORS &	GAC3455TOP	AGK1GGX	BGK3GGX	CPC.5/.75	3/4x12PP
GROUNDING INCLUDED	3	1	3	3	1

#### 140' ROHN 25G

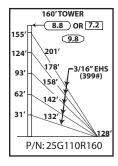
All parts shown in table are included when ordering Part No: 25G110R140



TOWER PARTS	25G	25AG2	BPC25G	GA25GD	FDNS BASE ANCHOR
INCLUDED	14	1	1	5	CB1G AB2
GUYS & CONNECTIONS	3/16EHS	BG2142	5/16THH	1/2TBE&J	TBSAFETY
INCLUDED	2425'	30	30	15	3
	GAC3455TOP	AGK1GGX	BGK3GGX	CPC.5/.75	3/4x12PP
GROUNDING INCLUDED	3	1	3	3	1

#### 150' ROHN 25G

All parts shown in table are included when ordering Part No: 25G110R150



TOWER PARTS	25G	25AG2	BPC25G	GA25GD	FDNS BASE ANCHOR
INCLUDED	15	1	1	5	CB1G AB2
GUYS & CONNECTIONS	3/16EHS	BG2142	5/16THH	1/2TBE&J	TBSAFETY
INCLUDED	2600'	30	30	15	3
	GAC3455TOP	AGK1GGX	BGK3GGX	CPC.5/.75	3/4x12PP
GROUNDING INCLUDED	3	1	3	3	1

#### 160' ROHN 25G

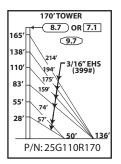
All parts shown in table are included when ordering Part No: 25G110R160

OUTER ANCHOR

AB2

OUTER ANCHOR

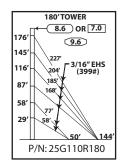
AB2



TOWER PARTS	25G	25AG2	BPC25G	GA25GD	BASE	INNEF
INCLUDED	16	1	1	6	CB2G	AB2
GUYS &	3/16EHS	BG2142	5/16THH	1/2TBE&J	TBSAF	ETY
CONNECTIONS INCLUDED	2800'	36	36	18	6	
ANCHORS & GROUNDING	GAC3455TOP	AGK1GGX	BGK3GGX	CPC.5/.75	3/4x12PP	
INCLUDED	6	2	3	6	1	

170' ROHN 250	G	5	2	V	N	н	)	O	R	,	0	7	1
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All parts shown in table are included when ordering Part No: 25G110R170



TOWER PARTS	25G	25AG2	BPC25G	GA25GD	BASE	INNER
INCLUDED	17	1	1	6	CB2G	AB2
GUYS & CONNECTIONS	3/16EHS	BG2142	5/16THH	1/2TBE&J	TBSAF	ETY
INCLUDED	2925'	36	36	18	6	
ANCHORS & GROUNDING	GAC3455TOP	AGK1GGX	BGK3GGX	CPC.5/.75	3/4x	12PP
INCLUDED	6	2	3	6	1	

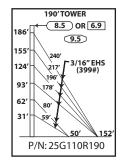
#### 180' ROHN 25G

All parts shown in table are included when ordering Part No: 25G110R180



Products LLC





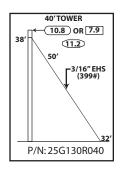
TOWER PARTS	25G	25AG2	BPC25G	GA25GD	BASE	INNER
INCLUDED	18	1	1	6	CB2G	AB2
GUYS & CONNECTIONS	3/16EHS	BG2142	5/16THH	1/2TBE&J	TBSA	FETY
INCLUDED	3100'	36	36	18	6	
	GAC3455TOP	AGK1GGX	BGK3GGX	CPC.5/.75	3/4x1	2PP
GROUNDING INCLUDED	6	2	3	6	1	1

#### 190' ROHN 25G

OUTER ANCHOR

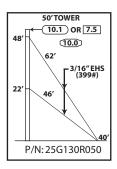
AB2

All parts shown in table are included when ordering Part No: 25G110R190



				0	FDNS	
TOWER PARTS	25G	25AG2	BPC25G	GA25GD	BASE ANCHO	
INCLUDED	3	1	1	1	CB1G AB2	
GUYS & CONNECTIONS	3/16EHS	BG2142	5/16THH	1/2TBE&J	TBSAFETY	
INCLUDED	175'	6	6	3	3	
ANCHORS &	GAC3455TOP	AGK1GGX	BGK3GGX	CPC.5/.75	3/4x12PP	
GROUNDING INCLUDED	3	1	3	3	1	

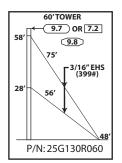
# 40' ROHN 25G All parts shown in table are included when ordering Part No: 25G130R040



TOWER PARTS	25G	25AG2	BPC25G	GA25GD		ONS ANCHOR
INCLUDED	4	1	1	2	CB1G	AB2
GUYS &	3/16EHS	BG2142	5/16THH	1/2TBE&J	TBSA	AFETY
CONNECTIONS INCLUDED	350'	12	12	6		3
	GAC3455TOP	AGK1GGX	BGK3GGX	CPC.5/.75	3/4x	(12PP
GROUNDING INCLUDED	3	1	3	3		1

#### **50' ROHN 25G**

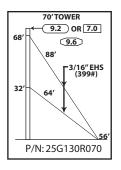
All parts shown in table are included when ordering Part No: 25G130R050



	25G	25AG2	BPC25G	GA25GD	FDNS	
TOWER PARTS	25G	ZSAGZ	DFC23G	GAZSGD	BASE ANCH	IOR
INCLUDED	5	1	1	2	CB1G AB	2
GUYS & CONNECTIONS	3/16EHS	BG2142	5/16THH	1/2TBE&J	TBSAFET	Υ
INCLUDED	425'	12	12	6	3	
ANCHORS &	GAC3455TOP	AGK1GGX	BGK3GGX	CPC.5/.75	3/4x12P	Р
GROUNDING INCLUDED	3	1	3	3	1	

#### 60' ROHN 25G

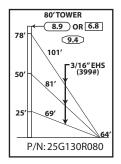
All parts shown in table are included when ordering Part No: 25G130R060



TOWER PARTS	25G	25AG2	BPC25G	GA25GD		ONS ANCHOR
INCLUDED	6	1	1	2	CB1G	AB2
GUYS & CONNECTIONS	3/16EHS	BG2142	5/16THH	1/2TBE&J	TBSA	AFETY
INCLUDED	500'	12	12	6		3
ANCHORS &	GAC3455TOP	AGK1GGX	BGK3GGX	CPC.5/.75	3/4×	(12PP
GROUNDING INCLUDED	3	1	3	3		1

#### 70' ROHN 25G

All parts shown in table are included when ordering Part No: 25G130R070

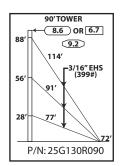


	050	05400	DDOOLO	040500	FDNS	
TOWER PARTS	25G	25AG2	BPC25G	GA25GD	BASE	<b>ANCHOR</b>
INCLUDED	7	1	1	3	CB1G	AB2
GUYS &	3/16EHS	BG2142	5/16THH	1/2TBE&J	TBS	AFETY
CONNECTIONS INCLUDED	800'	18	18	9		3
ANCHORS & GROUNDING	GAC3455TOP	AGK1GGX	BGK3GGX	CPC.5/.75	3/4	x12PP
INCLUDED	3	1	3	3		1

#### 80' ROHN 25G

All parts shown in table are included when ordering Part No: 25G130R080

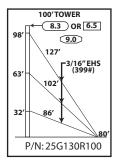




TOWER RAPTO	25G	25AG2	BPC25G	GA25GD		ONS
TOWER PARTS INCLUDED	8	1	1	3	CB1G	ANCHOR AB2
GUYS & CONNECTIONS	3/16EHS	BG2142	5/16THH	1/2TBE&J	TBSA	AFETY
INCLUDED	900'	18	18	9		3
ANCHORS & GROUNDING	GAC3455TOP	AGK1GGX	BGK3GGX	CPC.5/.75	3/4x	12PP
INCLUDED	3	1	3	3		1

#### 90' ROHN 25G

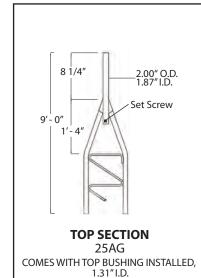
All parts shown in table are included when ordering Part No: 25G130R090

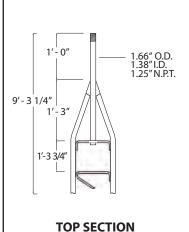


TOWER PARTS	25G	25AG2	BPC25G	GA25GD	FDNS BASE ANCHOR
INCLUDED	9	1	1	3	CB1G AB2
GUYS & CONNECTIONS	3/16EHS	BG2142	5/16THH	1/2TBE&J	TBSAFETY
INCLUDED	1000'	18	18	9	3
	GAC3455TOP	AGK1GGX	BGK3GGX	CPC.5/.75	3/4x12PP
GROUNDING INCLUDED	3	1	3	3	1

#### 100' ROHN 25G

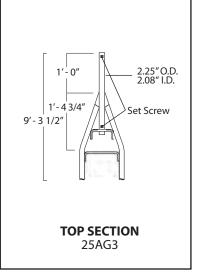
All parts shown in table are included when ordering Part No: 25G130R100

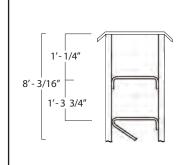




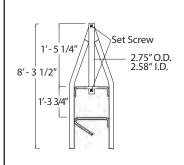
25AG1

6" 2.25" O.D. 2.08" I.D. - 3 1′ 9'-9" 1'-3 3/4' **TOP SECTION** 25AG2







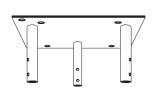


**TOP SECTION** 25AG5

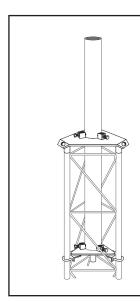


BPL25G LONG LEGS PROVIDE EXTRA CLEARANCE FOR INSTALLATION OF EQUIPMENT. BOLTS TO TOP OF STANDARD SECTION. HOLE PATTERN FITS TB3 (2"O.D.) AND TB4 (3"O.D.) THRUST BEARINGS.

**BEARING PLATE** 

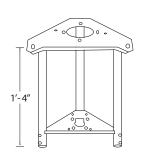


**TOP PLATE** APL25G FOR MOUNTING BEACON OR LIGHTNING ROD.



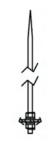
#### **TOP MOUNT**

25TDMKD - NO MAST 25TDM2S3KD - 2 3/8" O.D. MAST 25TDM25S3KD - 2 7/8" O.D. MAST 25TDM3S3KD - 3 1/2"O.D. MAST 25TDM35S3KD - 4" O.D. MAST MOUNTING TUBE PROVIDED IS 7'LONG.



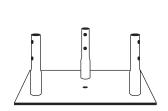
## **BEARING/ACCESSORY SHELF** BAS25G HOLE PATTERN FITS TB3 (2"O.D.) AND

TB4 (3"O.D.) THRUST BEARINGS ON TOP PLATE. ACCESSORY SHELF DRILLED FOR MOUNTING MANY POPULAR ROTORS



### **LIGHTNING ROD** LRCL

5' COPPER CLAD, MOUNTS TO APL25G.



#### **CONCRETE BASE PLATE** FOR GUYED & BRACKETED TOWERS BPC25G\*

FOR USE WITH 3/4X12PP PIER PIN EMBEDDED IN CONCRETE.

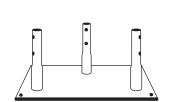
CONCRETE BASE PLATE IS TO BE USED FOR BRACKETED AND **GUYED APPLICATIONS ONLY.** 



#### **PIER PIN** 3/4X12PP

FOR USE WITH BPC25G EMBEDDED IN CONCRETE.

PIER PIN MUST BE ORDERED SEPARATELY, UNLESS BEING PURCHASED AS PART OF A COMPLETE TOWER KIT.



#### **CONCRETE BASE PLATE** FOR SELF-SUPPORTING TOWERS

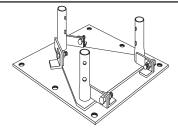
25GSSB

FOR USE WITH 5/8" x 12" (P/N: 260145G) BASE BOLTS (ORDERED SEPARATELY) IN SELF-SUPPORTING 25G TOWER APPLICATIONS.



#### **BASE BOLT & TEMPLATE** KH8175A

FOR USE WITH 25GSSB IN SELF-SUPPORTING 25G TOWER APPLICATIONS. KIT INCLUDES (1) TEMPLATE & (4) BASE BOLTS.



#### **HINGED BASE PLATE** BPH25G\*

FOR USE WITH 1/2X12BB BASE BOLTS (ORDERED SEPARATELY). HINGED TO ALLOW TOWER TO BE ROTATED UP FROM BASE **DURING INSTALLATION.** 

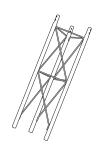
HINGED BASE PLATE IS TO BE USED FOR BRACKETED AND GUYED APPLICATIONS ONLY.



## **BASE BOLTS**

1/2X12BB FOR USE WITH BPH 25G

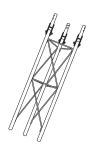
(6) REQUIRED, ORDERED SEPARATELY.



#### 3'4" SHORT BASE SB25G

5' SHORT BASE SB25G5

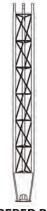
FOR EMBEDMENT IN CONCRETE.



### 3'4" HINGED SHORT BASE

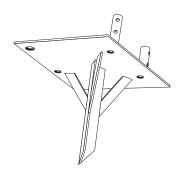
SBH25G\*

FOR EMBEDMENT IN CONCRETE.



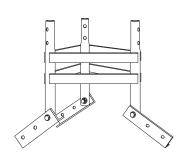
#### **TAPERED BASE** 25TG\*

CAN BE USED WITH A4197L BASE INSULATOR OR WITH 3/4x12PP, ORDERED SEPARATELY.



#### **SINGLE DRIVE-IN BASE** SDB25G\*

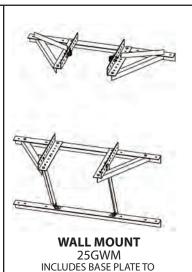
TO BE DRIVEN DIRECTLY INTO GROUND.



## **PEAK ROOF MOUNT**

PR25G\*

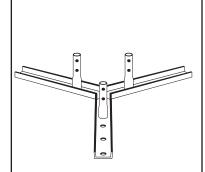
ADJUSTABLE HINGED FEET CONFORM TO NEARLY ANY ROOF PITCH. BOLTS TO ROOF SURFACE.



MOUNT 25G SECTION.

\*TOWERS MOUNTED ON THESE BASES MUST BE BRACKETED OR GUYED AT ALL TIMES. TEMPORARY STEEL GUYING MAY ALSO BE NECESSARY DURING INSTALLATION AND DISMANTLING.





**FLAT ROOF MOUNT** FR25G\*

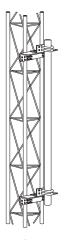
BOLTS DIRECTLY TO FLAT ROOF SURFACE.



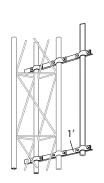
**SIDE ARM MOUNT** 

UHF25G

FOR UHF & FM ANTENNAS.



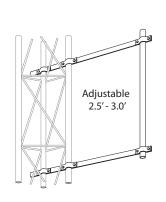
**FACE MOUNT** DM25G2 - 2 3/8" O.D. 5' LONG



**DBS ANTENNA MOUNT** 

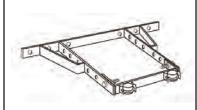
KY2068A16 - 1.66" O.D. KY2068A15 - 1.50" O.D. KY2068A2 - 2.38" O.D.

MOUNTING TUBE PROVIDED IS 3' LONG.



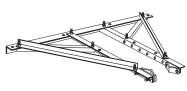
#### **SIDE ARM BRACKET** SA253UA

MOUNTING TUBE PROVIDED IS 3'LONG, 2 - 1/4"O.D.



#### **ADJUSTABLE HOUSE BRACKET**

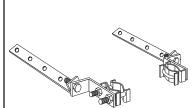
HB25AG 0 - 15" HB25BG 0 - 24" HB25CG 0 - 36"



#### **HEAVY DUTY UNIVERSAL HOUSE BRACKET**

**HBUTVRO** 

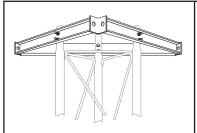
ADJUSTABLE TO POSITION TOWER 18" - 36" FROM WALL.



#### **UNIVERSAL EAVE BRACKET**

EB2525G

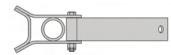
HINGED CONNECTION ALLOWS TOWER LEG CLAMPS TO REMAIN PERPENDICULAR TO GROUND WHILE BOLT DOWN SUPPORTS ROTATE TO LAY FLAT ALONG PITCHED ROOF OR EAVE.



#### **TORQUE ARM STABILIZER ASSEMBLY**

TA25

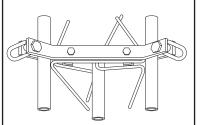
ANTI-TWIST DEVICE LOCATED IN THE AREA OF ANTENNAS. PROVIDES SIX-WAY **GUYING. BOLTS TO TOWER AT ANY** SECTION JOINT. ATTACHED WITH JOINT BOLTS. MUST BE INSTALLED AS SECTIONS ARE JOINED TOGETHER.



#### **TORQUE BAR**

TB25D

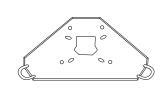
OPTIONAL, FOR USE WITH GA25GD. REQUIRES (1) 3/8" SHACKLE FOR EACH BAR.



#### **GUY BRACKET**

GA25GD

MOUNTS TO TOWER AT ANY HORIZONTAL BRACE.



#### **ACCESSORY SHELF**

AS25G

FOR MOUNTING MANY POPULAR ROTORS. FIELD DRILLING MAY BE NECESSARY FOR SOME ROTORS.

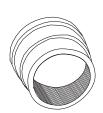
<sup>\*</sup> TOWERS MOUNTED ON THESE BASES MUST BE BRACKETED OR GUYED AT ALL TIMES. TEMPORARY STEEL GUYING MAY ALSO BE NECESSARY DURING INSTALLATION AND DISMANTLING.





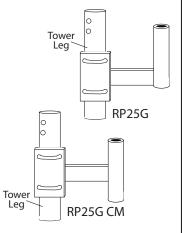
#### THRUST BEARING

TB3 - SUPPORTS UP TO 2"O.D. MAST. TB4 - SUPPORTS UP TO 3"O.D. MAST. MOUNTS TO BAS25G, BPL25G AND 25AG4.



#### **TOWER BUSHING**

TB50 - 1-1/4" I.D. X 2" O.D. TB75 - 1-1/2" I.D. X 2" O.D. FOR USE ON 25AG TOP SECTION



#### **ROTOR POST** 1.25" O.D. 1.08" I.D.



#### 90° JOINTS

2590MM - BOTH ENDS SWAGED
JOINTS ARE NOT DRILLED WHERE THEY
SLIP FIT TO 25G SECTIONS. CAN BE
FIELD DRILLED OR CUSTOM CONNECTED
TO MEET PARTICULAR NEEDS.



### 90° JOINTS

2590FF - BOTH ENDS OPEN
JOINTS ARE NOT DRILLED WHERE THEY
SLIP FIT TO 25G SECTIONS. CAN BE
FIELD DRILLED OR CUSTOM CONNECTED
TO MEET PARTICULAR NEEDS.



#### 90° JOINTS

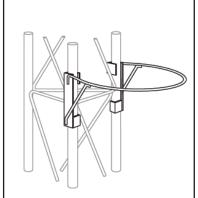
2590FM - ONE END SWAGED, ONE OPEN

JOINTS ARE NOT DRILLED WHERE THEY SLIP FIT TO 25G SECTIONS. CAN BE FIELD DRILLED OR CUSTOM CONNECTED TO MEET PARTICULAR NEEDS.



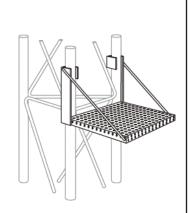
#### ANTI-CLIMB PANELS 25ACL3

THREE ANTI-CLIMB PANELS BOLT TO STANDARD TOWER SECTION.



#### SAFETY RING SR245

SNAPS INTO PLACE AT ANY LEVEL. NO BOLTS REQUIRED.



#### WORK PLATFORM WP25G

SNAPS INTO PLACE AT ANY LEVEL. NO BOLTS REQUIRED.



#### **ERECTION FIXTURE**

EF2545 - 2 1/2" SHEAVE WITH 3/8" I.D. GROOVE.

NOTE: ERECTION FIXTURES ARE FOR LIFTING ONE 10' SECTION AT A TIME AND ARE NOT INTENDED FOR THE LIFTING OF PERSONNEL.



#### **CLIMBING HARNESS**

TTFBH-4D JOURNEYMAN HARNESS TTFBH-C/P PROFESSIONAL HARNESS



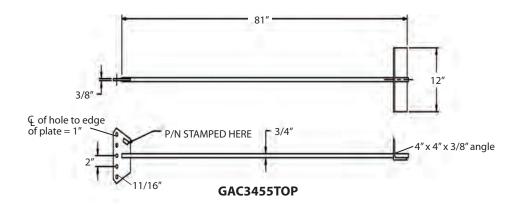
#### SAFETY CABLE SLIDER WITH CARABINEER TT-WG-500-W/SMC

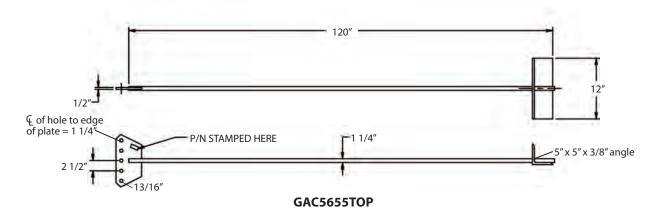
## SAFETY CABLE SYSTEM ORDERING INFORMATION

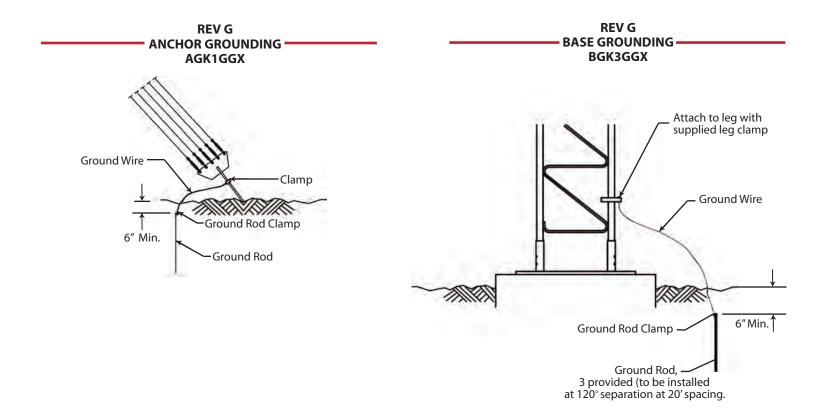
TOWER PART NUMBER 50' TT05025 100' TT10025 150' TT15025 200' TT20025

SAFETY CABLE SLIDER AND CLIMBING HARNESS MUST BE ORDERED SEPARATELY.

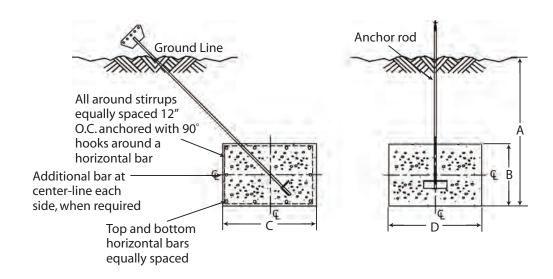
## **ANCHOR INFORMATION**







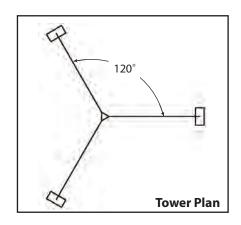
## STANDARD ANCHOR BLOCKS

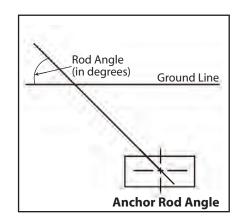


## Refer to page 43 for anchor rod installation angles.

Block	Anchor Dimensions (in.)		ns (in.)	Horizontal Bars	Stirrup Size	Concrete Vol.	
DIOCK	Α	В	C	D	(Qty. & Size)	& Spacing	(Cu. Yds.)
AB2	4' - 0"	1' - 6"	4' - 0"	6' - 0"	(5) #6 Bars, Top Layer (5) #6 Bars, Bottom Layer (0) Additional Bar, Each Side	#3 @ 12" O.C.	1.33 Per Block 4.0 Total for 3
AB3	6' - 0"	1'-6"	3'-0"	6' - 0"	(4) #6 Bars, Top Layer (4) #6 Bars, Bottom Layer (0) Additional Bar, Each Side	#3 @ 12" O.C.	1.0 Per Block 3.0 Total for 3
AB4	6' - 0"	1'-6"	4' - 0"	9' - 0"	(5) #6 Bars, Top Layer (5) #6 Bars, Bottom Layer (0) Additional Bar, Each Side	#4 @ 12" O.C.	2.0 Per Block 6.0 Total for 3
AB5	8' - 0"	2'-0"	3'-0"	10'-0"	(4) #7 Bars, Top Layer (4) #7 Bars, Bottom Layer (1) Additional Bar, Each Side	#4 @ 12" O.C.	2.22 Per Block 6.7 Total for 3
AB6	8'-0"	2'-0"	4'-0"	10'-0"	(5) #7 Bars, Top Layer (5) #7 Bars, Bottom Layer (1) Additional Bar, Each Side	#4 @ 12" O.C.	2.96 Per Block 8.9 Total for 3

## ANCHOR ROD INSTALLATION ANGLES





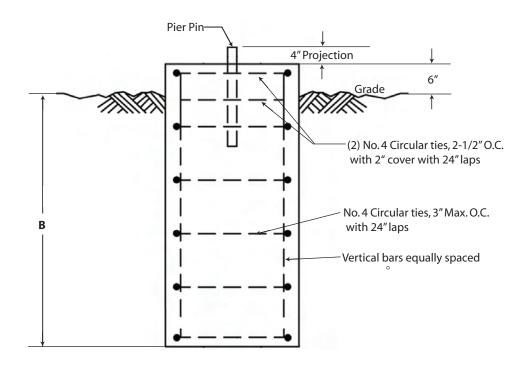
25G   90MPH							
Tower	Rod	Rod					
Height	Number	Angle					
40′	GAC3455TOP	48					
50′	GAC3455TOP	42					
60′	GAC3455TOP	42					
70′	GAC3455TOP	42					
80′	GAC3455TOP	39					
90′	GAC3455TOP	39					
100′	GAC3455TOP	39					
110′	GAC3455TOP	39					
120′	GAC3455TOP	38					
130′	GAC3455TOP	38					
140′	GAC3455TOP	38					
150′	GAC3455TOP	37					
160′	GAC3455TOP	37					
170′	GAC3455TOP	37					
180′	GAC3455TOP	37					
190′	GAC3455TOP	37					

	25G	110	MPH	
Tower Height	Inner Rod Number	Inner Rod Angle	Outer Rod Number	Outer Rod Angle
40′	GAC3455TOP	48	-	-
50′	GAC3455TOP	41	-	-
60′	GAC3455TOP	41	-	-
70′	GAC3455TOP	41	-	-
80′	GAC3455TOP	38	-	-
90′	GAC3455TOP	38	-	_
100′	GAC3455TOP	39	-	-
110′	GAC3455TOP	38	-	-
120′	GAC3455TOP	37	-	-
130′	GAC3455TOP	37	-	-
140′	GAC3455TOP	37	-	-
150′	GAC3455TOP	36	-	_
160′	GAC3455TOP	36	-	-
170′	GAC3455TOP	40	GAC3455TOP	42
180′	GAC3455TOP	41	GAC3455TOP	42
190′	GAC3455TOP	43	GAC3455TOP	42

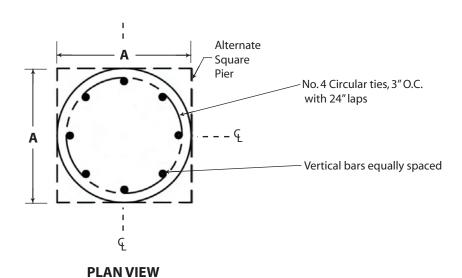
25G   130MPH							
Tower	Rod	Rod					
Height	Number	Angle					
40′	GAC3455TOP	50					
50′	GAC3455TOP	41					
60′	GAC3455TOP	41					
70′	GAC3455TOP	40					
80′	GAC3455TOP	38					
90′	GAC3455TOP	38					
100′	GAC3455TOP	38					

# G

## STANDARD BASE PIERS



## **ELEVATION VIEW**



Base	Α	В	Concrete Vol. (Cu. Yds.) Round Pier	Vertical Bars (No. & Size)
CB1G*	2'-6"	4' - 0"	1.0	(8) #7
CB2G	3'-0"	4'-0"	1.2	(10) #7

<sup>\*</sup> Square pier option must be used for CB1G.



# (G)

#### STANDARD 45G GUYED TOWER





**45G** 



The 45G is a true multi-use structure that provides excellent strength for applications up to 300′, It is offered with heavy steel round legs to satisfy a variety of needs under varied conditions.

#### **FEATURES**

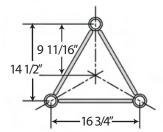
- Completely hot-dip galvanized after fabrication
- Built on a 16 3/4" equilateral triangle design
- High strength tubular legs joined by Zig-Zag<sup>®</sup> cross members
- Each section contains all required nuts and bolts shipped with section
- Continuous solid round steel bracing

#### **CAUTION**

Mixing copies of ROHN towers with ROHN towers is dangerous and voids all engineering and warranty data supplied by ROHN. Materials used by others are not the same quality and have not been tested or engineered by ROHN. Mixing ROHN tower sections with non-ROHN products may cause tower failure or injury.

Per Rev G requirements, any structure greater than 10' requires a climber safety device. Please see page 65 for ordering information.

## STANDARD 45G GUYED TOWER SECTIONS

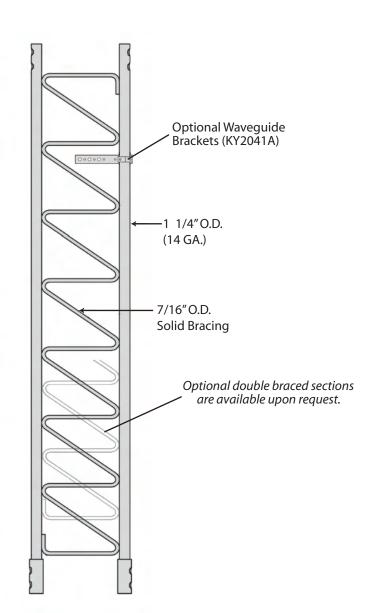


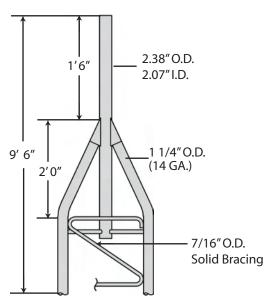
STANDARD SECTION

45G - 10' Section

### **QUICK REFERENCE**

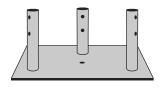
PARTS & ACCESSORIES PAGES 63-65
GROUNDING INFORMATION PAGES 66-69
FOUNDATION INFORMATION





## STANDARD TOP SECTION 45AG2

Additional 45G top sections are shown on page 63.



#### CONCRETE BASE PLATE BPC45G\*

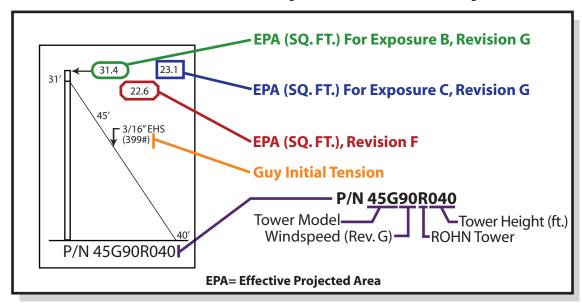
FOR USE WITH 3/4X12PP PIER PIN EMBEDDED IN CONCRETE.

Additional base sections are available, please see page 64.

<sup>\*</sup>Towers mounted on these bases must be bracketed or guyed at all times. Temporary steel guying may also be necessary during installation and dismantling.

## BUYERS GUIDE STANDARD DESIGNS - 45G 90MPH REV. G [3-SECOND GUST] 70MPH REV. F [FASTEST MILE]

**Design Criteria** 



This document is to serve as a guide for sizing and purchasing the 45G tower. Tower and foundation installations should be performed by qualified and experienced personnel using assembly drawings provided with each tower.

#### **DESIGN NOTES:**

- 1. Tower designs are in accordance with ANSI/TIA-222-F and ANSI/TIA-222-G, Class I Structures, Topographic Category 1.
- 2. Design assumes towers are installed on level ground. Lower EPA values will apply for roof mounted towers or for sites located on unusual terrain.
- 3. Designs assume two 1/2" diameter lines on each tower face.
- 4. Anchor radius is from tower base to intersection of anchor rod with ground.
- 5. Guy chord lengths shown are based on level ground. Initial tensions for guys are shown in ( ) in pounds at 60° Fahrenheit.
- 6. Antenna and mounts are assumed symmetrically placed at the tower top.

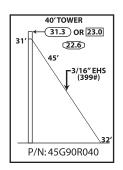
#### **PARTS LIST NOTES:**

- 1. Items listed are required for complete guyed towers.
- 2. Base and anchor foundations listed refer to standard foundation designations.
- 3. Guys provided with each standard tower are based on level ground conditions with an additional 6% length.
- 4. Rev G anchor grounding (AGK1GGX) and base grounding (BGK3GGX) are included with the tower material.
- 5. Assembly drawings and a safety package (P/N: ACWS) are included with each tower.
- 6. Parts lists are subject to change based on availability or revised design criteria.

FOR FOUNDATION INFORMATION, PLEASE SEE PAGES 66-69.
FOR GENERAL INSTALLATION INFORMATION, PLEASE SEE PAGES 147-153.



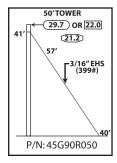




TOWER PARTS	45G	45AG2	BPC45G	GA45GD	FDNS BASE ANCHOR
INCLUDED	3	1	1	1	CB1G AB2
GUYS & CONNECTIONS	3/16EHS	BG2142	5/16THH	1/2TBE&J	TBSAFETY
INCLUDED	150'	6	6	3	3
ANCHORS &	GAC3455TOP	AGK1GGX	BGK3GGX	CPC.5/.75	3/4x12PP
GROUNDING INCLUDED	3	1	3	3	1

#### 40' ROHN 45G

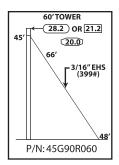
All parts shown in table are included when ordering Part No: 45G90R040



	45G	45AG2	BPC45G	GA45GD	FDNS
TOWER PARTS	700	+5/10/2	DI 0430	0,11002	BASE ANCHOR
INCLUDED	4	1	1	1	CB1G AB2
GUYS & CONNECTIONS	3/16EHS	BG2142	5/16THH	1/2TBE&J	TBSAFETY
INCLUDED	200'	6	6	3	3
	GAC3455TOP	AGK1GGX	BGK3GGX	CPC.5/.75	3/4x12PP
GROUNDING INCLUDED	3	1	3	3	1

#### 50' ROHN 45G

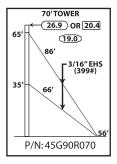
All parts shown in table are included when ordering Part No: 45G90R050



	450	45400	DD0450	CA450D	FDNS
TOWER PARTS	45G	45AG2	BPC45G	GA45GD	BASE ANCHOR
INCLUDED	5	1	1	1	CB1G AB2
GUYS & CONNECTIONS	3/16EHS	BG2142	5/16THH	1/2TBE&J	TBSAFETY
INCLUDED	225'	6	6	3	3
ANCHORS &	GAC3455TOP	AGK1GGX	BGK3GGX	CPC.5/.75	3/4x12PP
GROUNDING INCLUDED	3	1	3	3	1

### 60' ROHN 45G

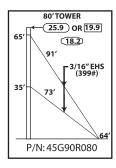
All parts shown in table are included when ordering Part No: 45G90R060



TOWER BARTO	45G	45AG2	BPC45G	GA45GD	FDNS BASE ANCHO	
TOWER PARTS					BASE A	ANCHOR
INCLUDED	6	1	1	2	CB1G	AB2
GUYS & CONNECTIONS	3/16EHS	BG2142	5/16THH	1/2TBE&J	TBSAFETY	
INCLUDED	500'	12	12	6	3	
ANCHORS & GROUNDING	GAC3455TOP	AGK1GGX	BGK3GGX	CPC.5/.75	3/4x <sup>2</sup>	12PP
INCLUDED	3	1	3	3		1

70' ROHN	45G
----------	-----

All parts shown in table are included when ordering Part No: 45G90R070

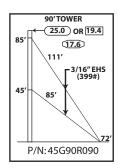


	45G	45400	BPC45G GA45GD		FI	DNS
TOWER PARTS	45G	45AG2	BPC45G	GA45GD	BASE	ANCHOR
INCLUDED	7	1	1	2	CB1G	AB2
GUYS & CONNECTIONS	3/16EHS	BG2142	5/16THH	1/2TBE&J	TBSAFETY	
INCLUDED	525'	12	12	6		3
	GAC3455TOP	AGK1GGX	BGK3GGX	CPC.5/.75	3/4x	12PP
GROUNDING INCLUDED	3	1	3	3		1

#### 80' ROHN 45G

All parts shown in table are included when ordering Part No: 45G90R080

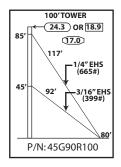




TOWER PARTS	45G	45AG2	BPC45G GA45GD		BASE ANCHOR		
INCLUDED	8	1	1	2	CB1G	AB2	
GUYS & CONNECTIONS	3/16EHS	BG2142	5/16THH	1/2TBE&J	TBSAFETY		
INCLUDED	625'	12	12	6	3		
	GAC3455TOP	AGK1GGX	BGK3GGX CPC.5/.75		3/4x1	3/4x12PP	
GROUNDING INCLUDED	3	1	3	3	1		

#### 90' ROHN 45G

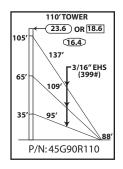
All parts shown in table are included when ordering Part No: 45G90R090



TOWER PARTS	45G		45AG2 BPC45G		iG	G GA45GD		FDNS BASE ANCH				
INCLUDED	9			1		1		2		CB1G		AB2
GUYS & CONNECTIONS	3/16EHS	1/4	EHS	BG214	12	BG2144	5/16	HHT	3/8TI	Н	1/2	2TBE&J
INCLUDED	300'	37	75'	6		6		6	6			6
	GAC3455	TOP	AGK	(1GGX	В	GK3GGX	CPC	0.5/.75	3/4x12	2PP	TBS	SAFETY
GROUNDING INCLUDED	3			1		3		3	1			3

#### 100' ROHN 45G

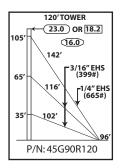
All parts shown in table are included when ordering Part No: 45G90R100



TOWER PARTS	45G	45AG2	BPC45G GA45GD		FDNS BASE ANCHOR	
TOWER PARTS					DASE	ANCHUR
INCLUDED	10	1	1	3	CB1G	AB2
GUYS & CONNECTIONS	3/16EHS	BG2142	5/16THH	1/2TBE&J	TBS	AFETY
INCLUDED	1100'	18	18	9	3	
	GAC3455TOP	AGK1GGX	BGK3GGX CPC.5/.75		3/4x12PP	
GROUNDING INCLUDED	3	1	3	3		1

#### 110' ROHN 45G

All parts shown in table are included when ordering Part No: 45G90R110



TOWER PARTS	45G		4	5AG2	BPC450		G GA4		GA45GD		FDNS BASE ANCH	
INCLUDED	11			1		1	1		3	CB1G		AB2
	3/16EHS	1/4	EHS	BG214	2	BG2144	5/16	HHT6	3/8TI	Н	1/2	2TBE&J
CONNECTIONS INCLUDED	700'	47	75'	12		6		12	6			9
	GAC3455	TOP	AGK	(1GGX	В	GK3GGX	CPC	0.5/.75	3/4x12	2PP	TB	SAFETY
GROUNDING INCLUDED	3			1		3		3	1			3

#### 120' ROHN 45G

All parts shown in table are included when ordering Part No: 45G90R120

_						
ı	130'TOWER					
l	22.5 OR 17.9					
125′	15.6					
	163'					
85'	☐ 3/16″EHS (399#)					
"	134'					
	1					
45′	113′					
	104					
<b>3104</b> ′						
	P/N: 45G90R130					

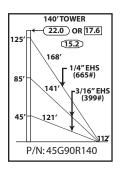
TOWER PARTS	45G	45AG2	BPC45G	GA45GD		DNS ANCHOR
INCLUDED	12	1	1	3	CB1G	AB2
GUYS &	3/16EHS	BG2142	5/16THH	1/2TBE&J	TBS	AFETY
CONNECTIONS INCLUDED	1325'	18	18	9		3
ANCHORS &	GAC3455TOP	AGK1GGX	BGK3GGX	CPC.5/.75	3/4	x12PP
GROUNDING INCLUDED	3	1	3	3		1

#### 130' ROHN 45G

All parts shown in table are included when ordering Part No: 45G90R130







	45G	45	AG2	BPC45G	GA45GE	)	DNS		
TOWER PARTS INCLUDED	13		1	1	3	BASE CB1G	ANCHO AB2		
GUYS &	3/16EHS	1/4EHS	BG214	12 BG2144	5/16THH	3/8THH	1/2TB	E&J	
CONNECTIONS INCLUDED	850'	550'	12	6	12	6	9		
ANCHORS &	GAC3455TC	OP AGK	1GGX	BGK3GGX	CPC.5/.7	5 3/4x1	2PP T	BSA	FETY
GROUNDING INCLUDED	3		1	3	3		1	3	3

#### 140' ROHN 45G All parts shown in

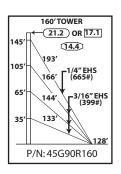
table are included when ordering Part No: 45G90R140

1	150'TOWER
1 1	<b>← 21.6</b> OR 17.4
145′	14.8
	188'
105′	⊤3/16″ EHS
	159' (399#)
65'	- \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
	136′
35'	125′
"	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\
	120′
1 —	
	P/N: 45G90R150

TOWER PARTS	45G	45AG2	BPC45G	GA45GD		ONS ANCHOR
INCLUDED	14	1	1	4	CB1G	AB2
GUYS & CONNECTIONS	3/16EHS	BG2142	5/16THH	1/2TBE&J	TBSA	AFETY
INCLUDED	1950'	24	24	12		3
ANCHORS &	GAC3455TOP	AGK1GGX	BGK3GGX	CPC.5/.75	3/4>	(12PP
GROUNDING INCLUDED	3	1	3	3		1

#### 150' ROHN 45G

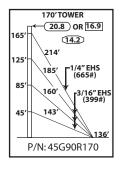
All parts shown in table are included when ordering Part No: 45G90R150



TOWER PARTS	45G	45	AG2	ı	BPC45G	GA45GI	D	FI BASE	DNS ANCH	HOR	
INCLUDED	15		1		1	4		CB1G	AB	2	
GUYS & CONNECTIONS	3/16EHS	1/4EHS	BG214	42	BG2144	5/16THH	3/	8THH	1/2T	BE&J	
INCLUDED	1425'	625'	18		6	18		6	,	12	
ANCHORS &	GAC3455T0	OP AGK	(1GGX	В	GK3GGX	CPC.5/.7	75	3/4x1	2PP	TBSAI	ETY
GROUNDING INCLUDED	3		1		3	3		1		3	3

#### 160' ROHN 45G

All parts shown in table are included when ordering Part No: 45G90R160



TOWER PARTS	45G	45G		45AG2		BPC45G		GA4	5GD	FDNS BASE ANCE		
INCLUDED	16			1		1		4	4	CB1	G	AB2
GUYS & CONNECTIONS	3/16EHS	1/4	EHS	BG214	2	BG2144	5/16	HHT	3/8TI	Н	1/2	2TBE&J
INCLUDED	1575'	70	00'	18		6		18	6			12
	GAC3455	TOP	AGK	(1GGX	В	GK3GGX	CPC	2.5/.75	3/4x12	2PP	TB	SAFETY
GROUNDING INCLUDED	3			1		3		3	1			3

#### 170' ROHN 45G

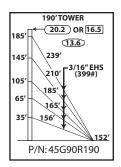
All parts shown in table are included when ordering Part No: 45G90R170

	180'TOWER
165	<b>20.5</b> OR 16.7
103	14.0
	219'
125′	-1/4″ EHS
	191′ [ (665#)
85'	\ \ \ \
"	167' \ \ \ \ \ \ (399#)
	/ / / (222 ii)
45'	151'
	144′
	P/N:45G90R180

TOWER PARTS	45G	45	AG2	ı	BPC45G	GA45G	D	FI BASE	DNS ANCH	IOR	
INCLUDED	ICLUDED 17		1		1	4		CB1G	AB	2	
GUYS & CONNECTIONS	3/16EHS	1/4EHS	BG214	12	BG2144	5/16THH	3/	8THH	1/2T	BE&J	
INCLUDED	1625'	700'	18		6	18		6	1	2	
ANCHORS & GROUNDING	GAC3455T0	OP AGK	1GGX	В	GK3GGX	CPC.5/.7	75	3/4x1	2PP	TBSA	FETY
INCLUDED	3		1		3	3		1	1	3	3

180' ROHN 45G All parts shown in

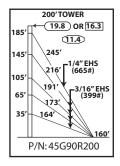
table are included when ordering Part No: 45G90R180



	450	45.00	DD0450	CA 45CD	FDNS
TOWER PARTS	45G	45AG2	BPC45G	GA45GD	BASE ANCHOR
INCLUDED	18	1	1	5	CB1G AB2
GUYS & CONNECTIONS	3/16EHS	BG2142	5/16THH	1/2TBE&J	TBSAFETY
INCLUDED	3050'	30	30	15	3
ANCHORS &	GAC3455TOP	AGK1GGX	BGK3GGX	CPC.5/.75	3/4x12PP
GROUNDING INCLUDED	3	1	3	3	1

#### 190' ROHN 45G

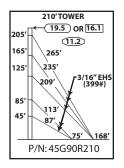
All parts shown in table are included when ordering Part No: 45G90R190



TOWER BARTO	45G	BP	C45G		APL45G	GA45GD		DNS		
TOWER PARTS INCLUDED	20		1		1	5	BASE CB1G	ANCH AB2		
GUYS &	3/16EHS	1/4EHS	BG214	12	BG2144	5/16THH	3/8THH	1/2TI	BE&J	
CONNECTIONS INCLUDED	2375'	800'	24		6	24	6	1	5	
ANCHORS &	GAC3455TC	OP AGK	1GGX	В	GK3GGX	CPC.5/.7	5 3/4x <sup>2</sup>	12PP	TBSA	FETY
GROUNDING INCLUDED	3		1		3	3		1	•	3

#### 200' ROHN 45G

All parts shown in table are included when ordering Part No: 45G90R200



TOWER PARTS	45G	APL45G	BPC45G	GA45GD	BASE	INNER ANCHOR	OUTER ANCHOR
INCLUDED	21	1	1	5	CB2G	AB2	AB2
GUYS & CONNECTIONS	3/16EHS	BG2142	5/16THH	1/2TBE&J	TBS	AFETY	-
INCLUDED	2900'	30	30	15		6	All are i
ANCHORS &	GAC3455TOP	AGK1GGX	BGK3GGX	CPC.5/.75	3/4	x12PP	F
GROUNDING INCLUDED	6	2	3	6		1	

#### 210' ROHN 45G

All parts shown in table are included when ordering Part No: 45G90R210

	220'TOWER
205′	19.3 OR 16.0
165′	270' -1/4" EHS
125′	241' (665#) 216' \( \int_{(200#)}^{3/16"} \)
85′	216' (399#)
45′	87'
	75′ 176′
	P/N:45G90R220

TOWER PARTS	45G	BPO	C45G	Δ	APL45G	GA45GD	BASE	INN ANCH	ER HOR	OUTER ANCHOR	
INCLUDED	22		1		1	5	CB2G	AB	1	AB2	
GUYS & CONNECTIONS	3/16EHS	1/4EHS	BG214	42	BG2144	5/16THH	3/87	ТНН	1/2	2TBE&J	
INCLUDED	2100'	875'	875' 24		6	24	(	6		15	
ANCHORS &	GAC3455TC	OP AGK	1GGX	В	GK3GGX	CPC.5/.75	3/4	3/4x12Pl		2PP TBSAFI	
GROUNDING INCLUDED	6		2		3	6	1			6	

#### 220' ROHN 45G

All parts shown in table are included when ordering Part No: 45G90R220

Γ		230'TOWER
	225′	19.1 OR 15.8
ŀ	185′	291′
ŀ	145′	261′
ŀ	105′	234' 73/16" EHS (399#)
1	65′	85'
١	35′	65′
1		55′ 184′
١		P/N: 45G90R230

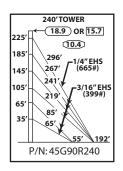
TOWER PARTS	45G	APL45G	BPC45G	GA45GD	BASE	INNER ANCHOR	OUTER ANCHOR
INCLUDED	23	1	1	6	CB2G	AB1	AB2
GUYS & CONNECTIONS	3/16EHS	BG2142	5/16THH	1/2TBE&J	TBS	AFETY	
INCLUDED	3675'	36	36	18	6		AII
ANCHORS &	GAC3455TOP	AGK1GGX	BGK3GGX	CPC.5/.75	3/4x12PP		are i
GROUNDING INCLUDED	6	2	3	6		1	

#### 230' ROHN 45G

All parts shown in table are included when ordering Part No: 45G90R230



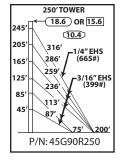




TOWER PARTS	45G	BP	C45G	APL45G	GA45GD	BASE	INNE ANCH	R OUTER ANCHOR
INCLUDED	24		1	1	6	CB2G	AB <sup>2</sup>	1 AB2
GUYS & CONNECTIONS	3/16EHS	1/4EHS	BG214	42 BG2144 5/16THH 3/8THH		НН	1/2TBE&J	
INCLUDED	2800'	950'	30	6	30	6		18
	GAC3455TC	P AGK	1GGX	BGK3GGX	CPC.5/.75	CPC.5/.75 3/4x12PF		TBSAFETY
GROUNDING INCLUDED	6		2	3	6	1		6

## 240' ROHN 45G

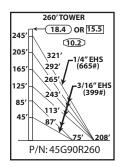
All parts shown in table are included when ordering Part No: 45G90R240



TOWER PARTS	45G	BPG	C45G	1	APL45G	GA45GD	BASE	INN ANCI	IER HOR	OUTER ANCHOR		
INCLUDED	25		1		1	6	CB2G	AB	31	AB2		
GUYS & CONNECTIONS	3/16EHS	1/4EHS	BG214	42	BG2144	5/16THH	3/8TI	3/8THH		3/8THH		TBE&J
INCLUDED	3125'	1025'	30		6	30	6			18		
	GAC3455TC	P AGK	1GGX I		GK3GGX	CPC.5/.75	3/4x12PP		TBSAFETY			
GROUNDING INCLUDED	6		2		3	6	1			6		

#### 250' ROHN 45G

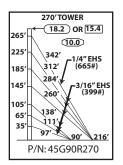
All parts shown in table are included when ordering Part No: 45G90R250



TOWER PARTS	45G	BPG	C45G	APL45G	G/	A45GD	BASE	INNI	ER IOR	OUTER ANCHOR
INCLUDED	26		1	1		6	CB3G	AB	2	AB2
GUYS & CONNECTIONS	3/16EHS	1/4EHS	BG214	42 BG214	4 5/1	6ТНН	3/8TI	3/8THH		TBE&J
INCLUDED	3200'	1025'	30	6		30	6			18
	GAC3455TC	P AGK	1GGX	BGK3GG	X CP	C.5/.75	3/4x12	2PP	TBS	SAFETY
GROUNDING INCLUDED	6		2	3		6	1			6

#### 260' ROHN 45G

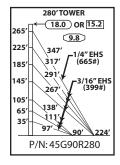
All parts shown in table are included when ordering Part No: 45G90R260



TOWER PARTS	45G	BP	C45G	1	APL45G	GA45GD	BASE	INN ANCH	ER HOR	OUTER ANCHOR
INCLUDED	27		1		1	7	CB3G	AB	B2 AB	
GUYS & CONNECTIONS	3/16EHS	6EHS 1/4EHS BG2142 BG2144 5/16THH 3/8THH		НН	1/2TBE&J					
INCLUDED	3825'	1100'	36		6	36	6			21
	GAC3455TC	)P AGK	1GGX	В	GK3GGX	CPC.5/.75	3/4x12PP		P TBSAFET	
GROUNDING INCLUDED	6		2		3	6	1			6

2/0' KOHN 45G
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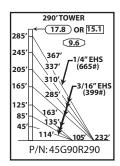
All parts shown in table are included when ordering Part No: 45G90R270



TOWER PARTS	45G	BPO	C45G	,	APL45G	GA45GD	BASE	INN ANCI	IER HOR	OUTER ANCHOR
INCLUDED	28		1		1	7	CB3G	AB	32	AB2
GUYS & CONNECTIONS	3/16EHS	1/4EHS	BG214	12	BG2144 5/16THH 3/8THH		Н	1/2TBE&J		
INCLUDED	3900'	1125'	36		6	36	6	6		21
	GAC3455TC	AGK	1GGX	В	GK3GGX	CPC.5/.75 3/4x12PP		PP	P TBSAFETY	
GROUNDING INCLUDED	6		2		3	6	1			6

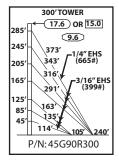
#### 280' ROHN 45G

All parts shown in table are included when ordering Part No: 45G90R280



TOWER PARTS	45G	BPG	C45G	A	APL45G	GA45GD	BASE	INN ANCI	IER HOR	OUTER ANCHOR
INCLUDED	29		1		1	7	CB3G	AB	32	AB2
GUYS & CONNECTIONS	3/16EHS	1/4EHS	BG214	42	BG2144	5/16THH	3/8TI	НН	1/2	TBE&J
INCLUDED	4275'	1175'	36		6	36	6			21
	GAC3455TC	3455TOP AGK		ВС	GK3GGX	CPC.5/.75	3/4x12	2PP	TBS	SAFETY
GROUNDING INCLUDED	6		2		3	6	1			6

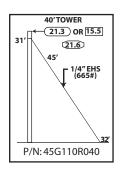
#### 290' ROHN 45G All parts shown in table are included when ordering Part No: 45G90R290



TOWER PARTS	45G	BP	C45G	APL45G	GA45GD	BASE	INNER ANCHO	OUTER ANCHOR
INCLUDED	30		1	1	7	CB3G	AB2	AB2
GUYS & CONNECTIONS	3/16EHS	1/4EHS	BG214	42 BG2144	5/16THH	3/8TI	-HH 1.	/2TBE&J
INCLUDED	4350'	1200'	36	6	36	6		21
	GAC3455TC	P AGK	1GGX	BGK3GGX	CPC.5/.75	3/4x12	2PP TE	SAFETY
GROUNDING INCLUDED	6		2	3	6	1		6

#### 300' ROHN 45G All parts shown in table are included when ordering Part No: 45G90R300

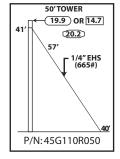




	45G	45AG2	BPC45G	GA45GD	FDI	
TOWER PARTS		.0, .0_		O/ (100B	BASE A	NCHOR
INCLUDED	3	1	1	1	CB1G	AB2
GUYS & CONNECTIONS	1/4EHS	BG2144	3/8THH	1/2TBE&J	TBSA	FETY
INCLUDED	150'	6	6	3	3 3	
ANCHORS &	GAC3455TOP	AGK1GGX	BGK3GGX	CPC.5/.75	3/4x	12PP
GROUNDING INCLUDED	3	1	3	3		1

#### 40' ROHN 45G

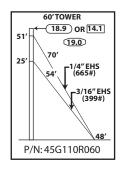
All parts shown in table are included when ordering Part No: 45G110R040



	450	45AG2	DDC450	GA45GD	FDNS
TOWER PARTS	45G	45AG2	BPC45G	GA45GD	BASE ANCHOR
INCLUDED	4	1	1	1	CB1G AB2
GUYS & CONNECTIONS	1/4EHS	BG2144	3/8THH	1/2TBE&J	TBSAFETY
INCLUDED	200'	6	6	3	3
ANCHORS & GROUNDING	GAC3455TOP	AGK1GGX	BGK3GGX	CPC.5/.75	3/4x12PP
INCLUDED	3	1	3	3	1

#### 50' ROHN 45G

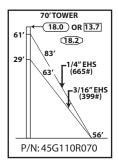
All parts shown in table are included when ordering Part No: 45G110R050



TOWER PARTS	45G	45AG2		Е	BPC45G	GA45G	GA45GD		FDNS BASE ANCHOR		
INCLUDED	5		1		1	2		CB1G AB2			
GUYS & CONNECTIONS	3/16EHS 1	/4EHS	BG214	12	BG2144	5/16THH	3/8	зтнн	1/2TBE	&J	
INCLUDED	175'	225'	225' 6		6	6		6	6		
	GAC3455TC	PAGK	1GGX	В	GK3GGX	CPC.5/.	75	3/4	x12PP	ТВ	SAFETY
GROUNDING INCLUDED	3		1		3	3			1		3

#### 60' ROHN 45G

All parts shown in table are included when ordering Part No: 45G110R060



										_		
TOWER PARTS	45G	45	AG2	BPC	45G	GA45G	D		DNS ANCHOR			
INCLUDED	6		1		I	2		B1G	31G AB2			
GUYS & CONNECTIONS	3/16EHS 1	/4EHS	BG214	BG:	2144	5/16THH	3/8	тнн	1/2TBE	&J		
INCLUDED	225'	275'	6		6	6		6	6			
ANCHORS & GROUNDING	GAC3455TC	P AGK	1GGX	BGK	BGGX	CPC.5/.	75	3/4	x12PP	TB	SAFETY	
INCLUDED	3		1	3	3	3			1		3	

70' ROHN 45G
All parts shown in
table are included
when ordering

when ordering Part No: 45G110R070

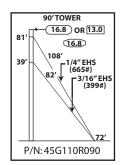
	80'TOWER
71′	17.4 OR 13.4
35′	96' 73' 1/4" EHS (665#)
	73/16" EHS (399#)
 P/	/N: 45G110R080

TOWER PARTS	45G	45	AG2	Е	3PC45G	GA45G	D		ONS ANCHOR			
INCLUDED	7		1		1	2	(	CB1G	AB2			
GUYS & CONNECTIONS	3/16EHS 1/	4EHS	BG214	12	BG2144	5/16THH	3/8	зтнн	1/2TBE	<b>&amp;</b> J		
INCLUDED	250'	325'	6		6	6		6	6			Р
	GAC3455TOI	AGK	1GGX	В	GK3GGX	CPC.5/.	75	3/4	x12PP	ТВ	SAFETY	
GROUNDING INCLUDED	3		1		3	3			1		3	

**80' ROHN 45G**All parts shown in table are included

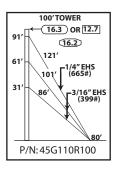
when ordering Part No: 45G110R080





TOWER PARTS	45G	4	5AG2	ı	BPC45G	GA45G	D		ONS ANCHOR		
INCLUDED	8		1		1	2	(	CB1G	AB2		
GUYS & CONNECTIONS	3/16EHS	1/4EH	BG214	42	BG2144	5/16THH	3/8	зтнн	1/2TBE	&J	
INCLUDED	275'	350'	6		6	6		6	6		
ANCHORS &	GAC3455T0	OP AG	K1GGX	В	GK3GGX	CPC.5/.	75	3/4	x12PP	ТВ	SAFETY
GROUNDING INCLUDED	3		1		3	3			1		3

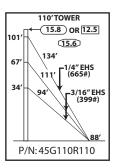
90' ROHN 45G All parts shown in table are included when ordering Part No: 45G110R090



TOWER PARTS	45G	45	AG2	BPC45G	GA45GI	)	DNS ANCHOR	
INCLUDED	9		1	1	3	CB10	AB2	
GUYS & CONNECTIONS	3/16EHS	1/4EHS	BG214	BG2144	5/16THH	3/8THF	1/2TBE	<b>&amp;</b> J
INCLUDED	600'	400'	12	6	12	6	9	
	GAC3455TC	OP AGK	1GGX	BGK3GGX	CPC.5/.	75 3/4	4x12PP	TBSAFE
GROUNDING INCLUDED	3		1	3	3		1	3

100' ROHN 45G All parts shown in table are included

when ordering Part No: 45G110R100



TOWER PARTS	45G		45/	AG2	E	BPC45G	GA45GI	0		ONS ANCHOR		
INCLUDED	10			1		1	3		CB1G	AB2		
GUYS & CONNECTIONS	3/16EHS	1/4E	HS	BG214	12	BG2144	5/16THH	3/8	втнн	1/2TBE	<b>&amp;</b> J	
INCLUDED	675'	45	0'	12		6	12		6	9		
	GAC3455T0	OP A	AGK	1GGX	В	GK3GGX	CPC.5/.	75	3/4	x12PP	ТВ	SAFETY
GROUNDING INCLUDED	3			1		3	3			1		3

110' ROH	IN 45G
All parts sl	hown in
table are ir	ncluded

when ordering Part No: 45G110R110

	120′TOWER 15.4 OR 12.2
111′	(15.2)
75′	147' 122' 14" EHS (665#)
35′	102' \( \begin{align*}     3/16" EHS (399#) \end{align*}
 P	96' /N: 45G110R120

TOWER PARTS	45G	45	AG2	BPC45G	GA45GE	)	DNS ANCHO	R
INCLUDED	11		1	1	3	CB1G	AB2	
GUYS & CONNECTIONS	3/16EHS	1/4EHS	BG214	2 BG2144	5/16THH	3/8THH	1/2TB	E&J
INCLUDED	725'	475'	12	6	12	6	9	
ANCHORS &	GAC3455TC	P AGK	1GGX	BGK3GGX	CPC.5/.7	5 3/4x1	2PP T	BSAFETY
GROUNDING INCLUDED	3		1	3	3	1		3

120' KO	HN 45G
All parts	shown in

table are included when ordering Part No: 45G110R120

	130'TOWER
12	15.1 OR 12.0 14.8
78	160' 1/4" EHS 130' (665#)
3	
	104'
	P/N: 45G110R130

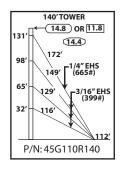
TOWER PARTS	45G	45	45AG2		BPC45G	GA45GD		BASE ANC		OR	
INCLUDED	12		1		1	3		CB1G	AB2	2	
GUYS & CONNECTIONS INCLUDED	3/16EHS	1/4EHS	BG214	12	BG2144	5/16THH	3/	8THH	1/2TE	3E&.	J
	775'	525'	12		6	12		6	6	9	
ANCHORS &	GAC3455T0	OP AGK	(1GGX	В	GK3GGX	CPC.5/.7	75	3/4x1	2PP	TBS	AFETY
GROUNDING INCLUDED	3		1		3	3		1		3	

#### 130' ROHN 45G All parts shown in

table are included when ordering Part No: 45G110R130

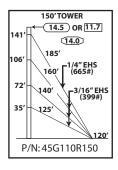






TOWER PARTS	45G	45	AG2	E	BPC45G	GA45G	D		DNS ANCH	OR	
INCLUDED	13		1		1	4		CB1G	AB2	2	
GUYS & CONNECTIONS	3/16EHS	1/4EHS	BG214	12	BG2144	5/16THH	3/8	зтнн	1/2TE	BE&J	
INCLUDED	1275'	550'	18		6	18		6	12		
ANCHORS &	GAC3455T0	OP AGK	1GGX	В	GK3GGX	CPC.5/.	75	3/4x <sup>2</sup>	12PP	TBS	AFETY
GROUNDING INCLUDED	3		1		3	3		1			3

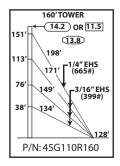
# 140' ROHN 45G All parts shown in table are included when ordering Part No: 45G110R140



TOWER PARTS	45G	45	45AG2		BPC45G	GA45GD		BASE ANC		HOR	
INCLUDED	14		1	1		4		CB1G	AB	2	
GUYS & CONNECTIONS	3/16EHS	1/4EHS	IS BG214		BG2144	5/16THH	THH 3/8TH		1/2T	BE&	J
INCLUDED	1375'	600'	18		6	18		6	12		
ANCHORS &	GAC3455T0	STOP AGK10		В	GK3GGX	CPC.5/.75		3/4x1	2PP	TBS	AFETY
GROUNDING INCLUDED	3		1		3	3		1	3		3

#### 150' ROHN 45G

All parts shown in table are included when ordering Part No: 45G110R150



	45G	15	AG2	_	BPC45G	GA45G		F	DNS		
TOWER PARTS	436	40	40AGZ		5FU43G	GA43GD		BASE	ANCHO	DR	
INCLUDED	15		1		1	4	(	CB2G	AB2		
GUYS &	3/16EHS	1/4EHS	BG214	12	BG2144	5/16THH	3/8	втнн	1/2TB	E&J	
CONNECTIONS INCLUDED	1450'	650'	18		6	18		6	12	2	
GUYS & CONNECTIONS	GAC3455TC	OP AGK	1GGX	В	GK3GGX	CPC.5/.7	75	3/4x	12PP	TBS	SAFETY
	3		1		3	3		1			3

#### 160' ROHN 45G

All parts shown in table are included when ordering Part No: 45G110R160

	170'TOWER
161	14.0 OR 11.4
1001	13.6
l	211'
128′	1/4" EHS
96′	187' (605#)
64'	166'
64	150' \ \ \ \ (399#)
32'	140′
	<b>1</b>
	1
I →	136′
P/	/N:45G110R170

TOWER PARTS	45G	45A0	45AG2		PC45G	GA45G	D		DNS ANCHOR		
INCLUDED	16	1	1		1	5		CB2G	AB3		<b>1</b>
GUYS &	3/16EHS	1/4EHS	4EHS BG21		BG2144	5/16THH	3/8THH		8THH 5/8TBE		ta
CONNECTIONS INCLUDED	2050'	675'	675' 24		6	24	6		15		Pa
ANCHORS &	GAC5655TC	P AGK10	GGX	ВС	SK3GGX	CPC1/1	.25	3/4	x12PP	TE	SAFETY
GROUNDING INCLUDED	3	1	1		3	3		1		3	

1	70′	RO	ΗN	45G

All parts shown in table are included when ordering Part No: 45G110R170

180' ROHN 45G
All parts shown in table are included when ordering
Part No: 45G110R180

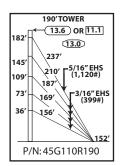
	180'TOWER
172′	13.8 OR 11.2
135′ 99′	224' 197' -5/16" EHS (1,120#)
66′	175' 158' \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
33′	148'
— Р	/N:45G110R180

											EDVIC	
TOWER PARTS	45G	45G	5GL2*		PC45G	GA45GD		APL45G		BASE	FDNS ANCHO	R
INCLUDED	17	1	1		1	5		1		CB20	G AB3	
GUYS & CONNECTIONS INCLUDED	3/16EHS	142265	BG2	142	BG2146	5/16THH	7/1	6THH	5/8	TBE&	J	_
	2175'	725'	725' 24		6	24		6	15			
ANCHORS & GROUNDING INCLUDED	GAC5655TC	P AGK1	GGX	BGK3GGX 3		CPC1/1.25		3/4x12l		P I	BSAFE	ГΥ
	3	1									3	

\* 45GL2 Lug section required for 5/16" guy



# **STANDARD DESIGN - 45G** 110MPH REV. G, 90MPH REV. F



TOWER PARTS	45G	45GI	_2*	В	PC45G	GA45G	D .	APL4	5G	BASE	FDNS ANCHOR
INCLUDED	18	1			1	5		1		CB2G	AB3
GUYS & CONNECTIONS	3/16EHS	142265	BG2	142	BG2146	5/16THH	7/16	STHH	5/87	ГВЕ&	J
INCLUDED	2300'	725'	24	ŀ	6	24		6		15	
ANCHORS &	GAC5655TC	P AGK10	GGX	ВС	K3GGX	CPC1/1.	.25	3/4	x12F	PP T	BSAFETY
GROUNDING INCLUDED	3	1			3	3			1		3

# 190' ROHN 45G All parts shown in table are included when ordering Part No: 45G110R190

	200'TOWER									
Iг	13.4 OR 11.0									
192′	10.6									
155′	250' -5/16"EHS									
115′	223' (1,120#)									
75′	177′ \ \ \ (399#)									
35′	164'									
	160′									
P/N:45G110R200										

TOWER PARTS	45G	45GI	45GL2*		PC45G	GA45G	D	APL45G			FDNS ANCHOR
INCLUDED	19	1		1		5		1		CB20	
GUYS &	3/16EHS	142265	BG2	142	BG2146	5/16THH	7/16	3THH	5/87	BE&	J
CONNECTIONS INCLUDED	2425'	800'	24	1	6	24		6		15	
ANCHORS &	GAC5655TC	P AGK1	AGK1GGX		K3GGX	CPC1/1.25		3/4x12		PP T	BSAFETY
GROUNDING INCLUDED	3	1			3	3			1		3

#### 200' ROHN 45G All parts shown in table are included

table are included when ordering Part No: 45G110R200

	210'TOWER												
202'	13.2 OR 10.9												
202	(10.4)												
167	(10.4)												
167	\ \263'												
	237' F 5/16" EHS												
133′	(1,120#)												
99'	214' -3/16" EHS												
1 11	(399#)												
65'	195′												
"	-\ \ <b>X</b> \												
33'	85′ 💉 📉												
33	64' 1												
	X W												
I - I	55' 168'												
l p	P/N: 45G110R210												
<u> </u>	714. 4561 1011210												

TOWER PARTS	45G	BPC45G		45GL	.2*	APL45G	GA45GD	BASE	INNER ANCHOR	OUTER ANCHOR	
INCLUDED	20		1			1	6	CB3G	AB2	AB3	
	3/16EH	HS	142	265	В	G2142	BG2146	5/1	6THH		
GUYS & CONNECTIONS	2550	,	850'			30	6		30		
INCLUDED	7/16TH	НН	1/2TI	BE&J	5/8	BTBE&J	TBSAFET	/ 3/4	x12PP		
	6			6		12	6		1		
ANCHORS & GROUNDING INCLUDED	GAC5655	<b>ТОР</b>	GAC34	155TOP	AG	K1GGX	BGK3GGX	CPC	0.5/.75	CPC1/	1.25
	3		3			2	3		3	3	

#### 210' ROHN 45G

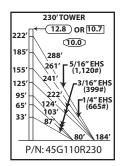
	220'TOWER
212'	13.0 OR 10.8
175′	276′
139′	248' - 5/16" EHS (1,120#)
105′	73/16" EHS (399#)
69'	205' [395#) 1/4" EHS (665#)
35′	91'
	60′ 176′
Р	/N:45G110R220

TOWER PARTS	45G	BPC	C45G	45GL	.2*	APL45G	GA45GD	BAS	SE ,	INNER ANCHOR	OUTER ANCHOR			
INCLUDED	21		1	1	1		6	CB3	33G AB2		AB3			
	3/16EI	HS	1/4	EHS	1	42265	BG2142	ı	BG	2144	BG214	6	220' ROH All parts sh	
GUYS & CONNECTIONS	1875	5'	80	00'		900'	24			6	6		table are in when ord	
INCLUDED	5/16THH		3/8	3/8THH 7/		16THH	1/2TBE&J	5	5/8	TBE&J	TBSAFET	Υ	Part No: 45G	110R220
	24		(	6		6	6		12		6			
ANCHORS & GROUNDING	GAC565	5ТОР	GAC3	455TOP	AG	K1GGX	BGK3GGX	С	РС	.5/.75	CPC1/1	1.25	3/4X12PP	
INCLUDED	3		;	3		2	3		3		3		1	

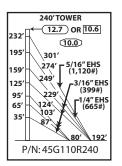
<sup>\* 45</sup>GL2 Lug section required for 5/16" guy



# **STANDARD DESIGN - 45G** 110MPH REV. G, 90MPH REV. F



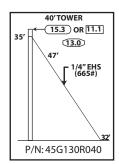
TOWER PARTS	45G	BPC4	5G AI	PL45G	GA45GD	45GL2*	BASE	INNER ANCHOR	OUTER ANCHOR					
INCLUDED	22	1		1	7	1	CB3G	AB2	AB3					
	3/16	EHS	1/4E	HS	142265	BG2142	ВС	G2144	2144 BG2146		230' ROHN 45G All parts shown in			
GUYS & CONNECTIONS	24	75'	85	0'	925'	30		6	6		table are in when ord			
INCLUDED	5/16THH :		3/87	ГНН	7/16THH	1/2TBE&J	5/8	TBE&J	TBSAFI	ETY	Part No: 45G110R230			
	3	30	6	6	6	9		12	6					
ANCHORS & GROUNDING	GAC3	455TOP	GAC56	555TOP	AGK1GGX	BGK3GGX	CPC	C.5/.75	CPC1/1	.25	3/4x12PP			
INCLUDED		3	3	3	2	3		3	3		1			



TOWER PARTS	45G	BPC4	5G APL450	GA45GD	45GL2*	BASE	INNER ANCHOR	OUTER ANCHOR			
INCLUDED	23	1	1	7	1 (	CB3G	AB2	AB3			
	3/16	EHS	1/4EHS	142265	BG2142	ВС	G2144	BG214	46	240' ROF	
GUYS & CONNECTIONS	25	25'	875'	975'	30		6	6		All parts shown in table are included	
INCLUDED	5/16	THH	3/8THH	7/16THH	1/2TBE&J	5/8	TBE&J	TBSAFE	ETY	when ordering Part No: 45G110R240	
	3	30	6	6	9		12	6			
ANCHORS & GROUNDING	GAC3	455TOP	GAC5655TOF	AGK1GGX	BGK3GGX	CPC	0.5/.75	CPC1/1.	.25	3/4x12PP	
INCLUDED		3	3	2	3		3	3		1	

<sup>\* 45</sup>GL2 Lug section required for 5/16" guy

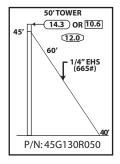
# **STANDARD DESIGN - 45G** 130MPH REV. G, 110MPH REV. F



TOWER PARTS	45G	45AG2	BPC45G	GA45GD	FDNS BASE ANCHOR
INCLUDED	3	1	1	1	CB1G AB2
GUYS &	1/4EHS	BG2144	3/8THH	1/2TBE&J	TBSAFETY
CONNECTIONS INCLUDED	150'	6	6	3	3
ANCHORS &	GAC3455TOP	AGK1GGX	BGK3GGX	CPC.5/.75	3/4x12PP
GROUNDING INCLUDED	3	1	3	3	1

# 40' ROHN 45G

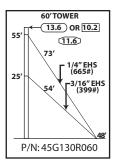
All parts shown in table are included when ordering Part No: 45G130R040



	TOWER PARTS	45G	45AG2	BPC45G	GA45GD	FDNS BASE ANCHOR	
	INCLUDED	4	1	1	1	CB1G AB2	
	GUYS & CONNECTIONS	1/4EHS	BG2144	3/8THH	1/2TBE&J	TBSAFETY	
	INCLUDED	200'	6	6	3	3	
l	ANCHORS &	GAC3455TOP	AGK1GGX	BGK3GGX	CPC.5/.75	3/4x12PP	
	GROUNDING INCLUDED	3	1	3	3	1	

#### 50' ROHN 45G

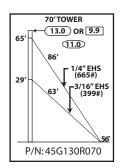
All parts shown in table are included when ordering Part No: 45G130R050



TOWER DARTS 45G		45	AG2	BPC45G	GA45GD		FDNS BASE ANCHOR			
TOWER PARTS INCLUDED	5		1	1	2		B1G			
GUYS &	3/16EHS 1	/4EHS	BG214	BG2144	5/16THH	3/8	THH	1/2TBE	&J	
CONNECTIONS INCLUDED	175'	250'	6	6	6		6	6		
ANCHORS & GROUNDING	GAC3455TO	PAGK	1GGX	BGK3GGX	CPC.5/.	75	3/4	x12PP	TI	BSAFETY
INCLUDED	3		1	3	3		1			3

#### 60' ROHN 45G

All parts shown in table are included when ordering Part No: 45G130R060



TOWER PARTS INCLUDED	45G	45G 45		Е	BPC45G	GA45GD		FDNS BASE ANCHOR			
	6		1		1	2		CB1G	AB2		
GUYS & CONNECTIONS	3/16EHS	1/4EHS	EHS BG2142		BG2144	5/16THH	3/8	тнн	1/2TBE	&J	
INCLUDED	225'	275'	6		6	6	6		6		
	GAC3455T0	3455TOP AGK		В	GK3GGX	CPC.5/.7		3/4	x12PP	TE	BSAFETY
GROUNDING INCLUDED	3		1		3	3		1			3

70' ROHN 45G
All parts shown in
table are included
when ordering

when ordering Part No: 45G130R070

	80'TOWER
75'	12.5 OR 9.6
	99'
35′	1/4" EHS (665#) -3/16" EHS
	73' (399#)
	64'
F	P/N: 45G130R080

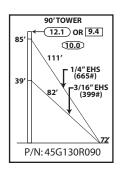
TOWER PARTS	45G	45	AG2	BPC45G	GA45G	D B	FDNS BASE ANCHOR			
INCLUDED	7		1	1	2		B1G	AB2		
GUYS & CONNECTIONS	3/16EHS 1	/4EHS	BG214	BG2144	5/16THH	3/8T	ГНН	1/2TBE	&J	
INCLUDED	250'	325'	6	6	6	6	6	6		
	GAC3455TC	P AGK	1GGX	BGK3GGX	CPC.5/.	75	3/4	x12PP	TI	BSAFETY
GROUNDING INCLUDED	3		1	3	3		1		3	

80' ROHN 45G All parts shown in table are included when ordering Part No: 45G130R080





# STANDARD DESIGN - 45G 130MPH REV. G, 110MPH REV. F



TOWER PARTS INCLUDED	45G		45AG2		BPC45G		GA45GD		FDNS BASE ANCHO		R	
	8		1		1		2		CB1G	AB2		
GUYS & CONNECTIONS	3/16EHS	1/4E	1EHS BG214		12	BG2144	5/16THH	3/8THH		1/2TBI	E&J	
INCLUDED	275'	375	375' 6			6	6	6		6		
ANCHORS &	GAC3455T0	STOP AGK		K1GGX		BGK3GGX CPC.5/.		75	3/4>	(12PP	TBS	SAFETY
GROUNDING INCLUDED	3		1			3	3			1		3

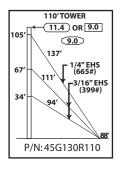
90' ROHN 45G All parts shown in table are included when ordering Part No: 45G130R090

95'- 61'- 31'-	100'TOWER 11.7 OR 9.2 9.6 124' 101' 1/4" EHS (665#) 73/16" EHS (399#)
P.	/N: 45G130R100

TOWER PARTS	45G	45	AG2	BPC45G	GA45GI	)	DNS ANCHO	R
INCLUDED	9		1	1	3	CB1G	AB2	
GUYS & CONNECTIONS	3/16EHS	1/4EHS	BG214	2 BG2144	5/16THH	3/8THH	1/2TB	E&J
INCLUDED	600'	400'	12	6	12	6	9	
ANCHORS &	GAC3455TC	OP AGK	1GGX	BGK3GGX	CPC.5/.	75 3/4x	12PP	TBSAFETY
GROUNDING INCLUDED	3		1	3	3		1	3

# 100' ROHN 45G

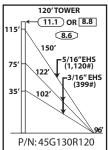
All parts shown in table are included when ordering Part No: 45G130R100



TOWER PARTS INCLUDED	45G	45	45AG2		BPC45G	GA45GD		BASE ANCH		OR	
	10		1		1	3		CB1G	CB1G AB2		
GUYS &	3/16EHS	1/4EHS	BG214	12	BG2144	5/16THH	3/8	8THH	1/2TBE&J		
CONNECTIONS INCLUDED	675'	450'	12		6	12		6	9		
ANCHORS &	GAC3455TOP AC		GK1GGX		GK3GGX	CPC.5/.75		3/4x12PP		TBSA	FETY
GROUNDING INCLUDED	3		1		3	3		1		3	

#### 110' ROHN 45G

All parts shown in table are included when ordering Part No: 45G130R110



TOWER PARTS	45G	45	45GL5*		BPC45G	GA45G	GA45GD		45G	BAS	FDNS E ANCI	HOR
INCLUDED	11		1		1	3		1		CB1	G AB	2
GUYS &	3/16EHS 1	42265	BG214	12	BG2146	5/16THH	7/1	6THH	1/2TBI	E&J	5/8TBE	<b>E&amp;J</b>
CONNECTIONS INCLUDED	725'	500'	00' 12		6	12		6 6			3	F
ANCHORS &	GAC3455TO	AGK	1GGX	В	GK3GGX	CPC.5/.	75	3/4x	12PP	TE	SAFE	TY
GROUNDING INCLUDED	3		1		3	3			1		3	

120' ROHN 450	j
All parts shown in	
table are included	

when ordering art No: 45G130R120

	130'TOWER
125′	10.9 OR 8.6 8.2
78′ 35′	163' 5/16"EHS (1,120#) 130' 3/16"EHS (399#) 110' 1/4"EHS (665#)
F	P/N: 45G130R130

TOWER PARTS	45G	45GL5*	BPC45G	GA45GD	APL45G	FDNS BASE ANCHOR
INCLUDED	12	1	1	3	1	CB2G AB3
	3/16EHS	1/4EHS	142265	BG2142	BG2144	BG2146
GUYS & CONNECTIONS	350'	425'	525'	6	6	6
INCLUDED	5/16THH	3/8THH	7/16THH	5/8TBE&J	TBSAFETY	
	6	6	6	9	3	
ANCHORS & GROUNDING	GAC5655TOP	AGK1GGX	BGK3GGX	CPC1/1.25	3/4x12PP	
DINUUNUNG	I		1	I	I	I

#### 130' ROHN 45G

All parts shown in table are included when ordering Part No: 45G130R130

\* 45GL5 Lug section required for 5/16" guy



1

3

**INCLUDED** 

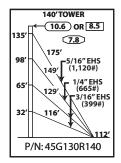
**INCLUDED** 

**ANCHORS &** 

GROUNDING INCLUDED

3

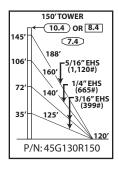
# **STANDARD DESIGN - 45G** 130MPH REV. G, 110MPH REV. F



							DNIC
TOWER PARTS	45G	45GL5*	BPC45G	GA45GD	APL45G		<u>DNS</u> ANCHOR
INCLUDED	13	1	1	4	1	CB2G	AB3
	3/16EHS	1/4EHS	142265	BG2142	BG2144	BG	2146
GUYS & CONNECTIONS	800'	475'	575'	12	6		6
INCLUDED	5/16THH	3/8THH	7/16THH	5/8TBE&J	TBSAFETY		
	12	6	6	12	3		
ANCHORS & GROUNDING	GAC5655TOP	AGK1GGX	BGK3GGX	CPC1/1.25	3/4x12PP		
GROUNDING			I				

#### 140' ROHN 45G All parts shown in

table are included when ordering
Part No: 45G130R140



ı								DNIC
	TOWER PARTS	45G	45GL5*	BPC45G	GA45GD	APL45G	$\overline{}$	DNS
							BASE	ANCHOR
	INCLUDED	14	1	1	4	1	CB2G	AB3
		3/16EHS	1/4EHS	142265	BG2142	BG2144	BG	2146
	GUYS & CONNECTIONS	850'	525'	600'	12	6		6
	INCLUDED	5/16THH	3/8THH	7/16THH	5/8TBE&J	TBSAFETY		
		12	6	6	12	3		

150' ROHN 45G All parts shown in table are included

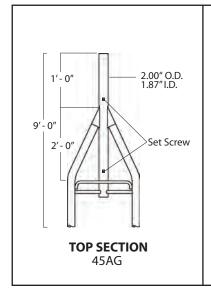
when ordering Part No: 45G130R150

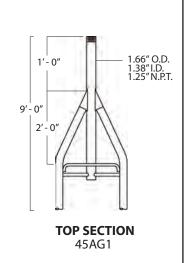
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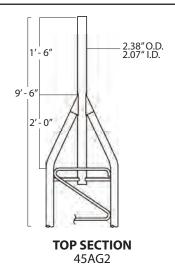
GAC5655TOP AGK1GGX BGK3GGX CPC1/1.25 3/4x12PP

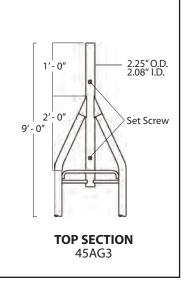
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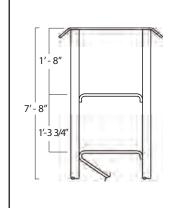
<sup>\* 45</sup>GL5 Lug section required for 5/16" guy



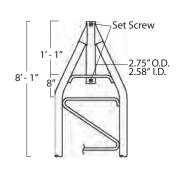




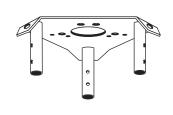




TOP SECTION
45AG4
TOP PLATE HOLE PATTERN IS THE SAME
AS BPL45G.

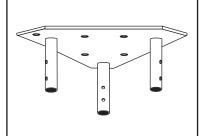


**TOP SECTION** 45AG5

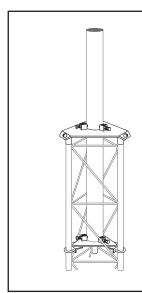


BPL45G
CONVERTS STANDARD SECTION TO A
TOP SECTION. HOLE PATTERN FITS
TB3 (2"O.D.) AND TB4 (3"O.D.)
THRUST BEARINGS.

**BEARING PLATE** 

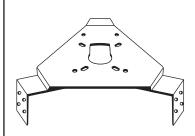


TOP PLATE
APL45G
FOR MOUNTING BEACON
OR LIGHTNING ROD.



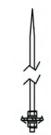
#### **TOP MOUNT**

45TDMKD - NO MAST 45TDM2S3KD - 2 3/8" O.D. MAST 45TDM25S3KD - 2 7/8" O.D. MAST 45TDM3S3KD - 3 1/2" O.D. MAST 45TDM35S3KD - 4" O.D. MAST 45TDM4S3KD - 4 1/2" O.D. MAST MOUNTING TUBE PROVIDED IS 7'LONG.



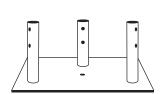
#### ACCESSORY SHELF AS455G

FOR MOUNTING MANY POPULAR ROTORS. FIELD DRILLING MAY BE NECESSARY FOR SOME ROTORS.



#### **LIGHTNING ROD**

LRCL 5'COPPER CLAD MOUNTS TO APL45G.



#### CONCRETE BASE PLATE BPC45G\*

FOR USE WITH 3/4X12PP PIER PIN EMBEDDED IN CONCRETE.

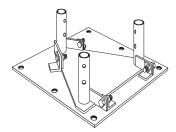
CONCRETE BASE PLATE IS TO BE USED FOR BRACKETED AND GUYED APPLICATIONS ONLY.



#### PIER PIN 3/4X12PP

FOR USE WITH BPC45G EMBEDDED IN CONCRETE.

PIER PIN MUST BE ORDERED SEPARATELY, UNLESS BEING PURCHASED AS PART OF A COMPLETE TOWER KIT.



#### HINGED BASE PLATE BPH45G\*

FOR USE WITH 5/8X12BB BASE BOLTS (ORDERED SEPARATELY). HINGED TO ALLOW TOWER TO BE ROTATED UP FROM BASE DURING INSTALLATION.

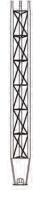
HINGED BASE PLATE IS TO BE USED FOR BRACKETED AND GUYED APPLICATIONS ONLY.



#### **BASE BOLT**

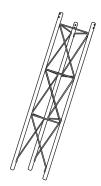
5/8X12BB FOR USE WITH BPH45G

(6) REQUIRED, ORDERED SEPARATELY.



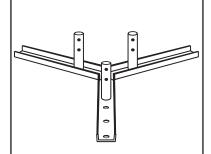
#### **TAPERED BASE** 45TG\*

CAN BE USED WITH A4197L BASE INSULATOR OR WITH 3/4X12PP, ORDERED SEPARATELY.



#### **5' SHORT BASE** SB45G

FOR EMBEDMENT IN CONCRETE.



#### FLAT ROOF MOUNT FR45G\*

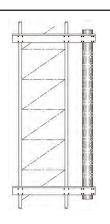
BOLTS DIRECTLY TO FLAT ROOF SURFACE.



#### **SIDE ARM BRACKET**

SA253UA

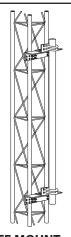
MOUNTING TUBE PROVIDED IS 3' LONG, 2 - 1/4" O.D.



#### DISH MOUNT

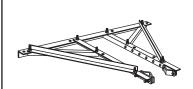
VY4311A2 - 2 3/8" O.D. VY4311A - 4 1/2" O.D.

MAST TUBE PROVIDED IS 5'LONG.



#### FACE MOUNT DM45G2 - 2 3/8" O.D. 5' LONG

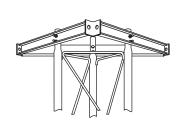
DM454 - 4 1/2" O.D. 5' LONG



# HEAVY DUTY UNIVERSAL HOUSE BRACKET

**HBUTVRO** 

ADJUSTABLE TO POSITION TOWER 18" - 36" FROM WALL.



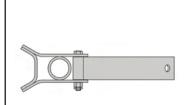
# TORQUE ARM STABILIZER ASSEMBLY

**TA45** 

ANTI-TWIST DEVICE LOCATED IN THE AREA OF ANTENNAS. PROVIDES SIX-WAY GUYING. BOLTS TO TOWER AT ANY SECTION JOINT. ATTACHED WITH JOINT BOLTS. MUST BE INSTALLED AS SECTIONS ARE JOINED TOGETHER.

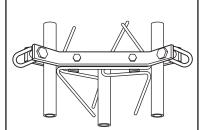
\* TOWERS MOUNTED ON THESE BASES MUST BE BRACKETED OR GUYED AT ALL TIMES. TEMPORARY STEEL GUYING MAY ALSO BE NECESSARY DURING INSTALLATION AND DISMANTLING.





# **TORQUE BAR**

TB45D OPTIONAL, FOR USE WITH GA45GD. REQUIRES (1) 3/8" SHACKLE FOR EACH BAR.



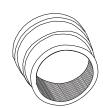
#### **GUY BRACKET** GA45GD

MOUNTS TO TOWER AT ANY HORIZONTAL BRACE.



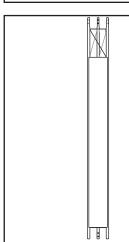
# BEARING

TB3 - SUPPORTS UP TO 2"O.D. MAST. TB4 - SUPPORTS UP TO 3"O.D. MAST. MOUNTS TO BPL45G AND 45AG4.



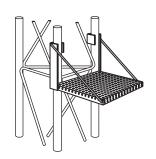
# TOWER BUSHING

TB50 - 1-1/4" I.D. X 2" O.D. TB75 - 1-1/2" I.D. X 2" O.D. FOR USE ON 45AG TOP SECTION



#### **ANTI-CLIMB PANELS** VW913A

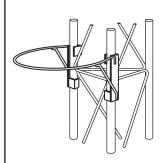
THREE ANTI-CLIMB PANELS BOLT TO STANDARD TOWER SECTION.



#### **WORK PLATFORM**

WP45G

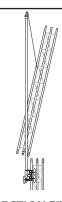
SNAPS INTO PLACE AT ANY LEVEL. NO BOLTS REQUIRED.



#### **SAFETY RING**

SR245

SNAPS INTO PLACE AT ANY LEVEL. NO BOLTS REQUIRED.



#### **ERECTION FIXTURE**

EF2545 - 2 1/2" SHEAVE WITH 3/8" I.D. GROOVE.

NOTE: ERECTION FIXTURES ARE FOR LIFTING ONE 10' SECTION AT A TIME AND ARE NOT INTENDED FOR THE LIFTING OF PERSONNEL.



#### **CLIMBING HARNESS**

TTFBH-4D JOURNEYMAN HARNESS TTFBH-C/P PROFESSIONAL HARNESS



# SAFETY CABLE SLIDER WITH CARABINEER

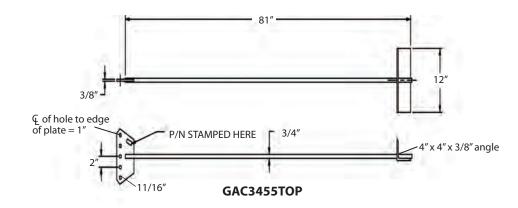
TT-WG-500-W/SMC

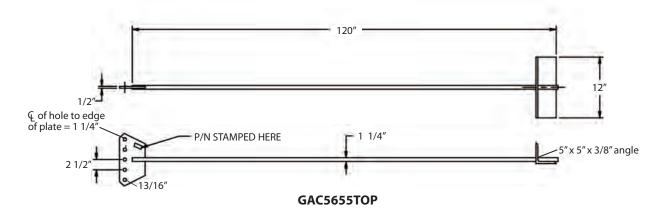
#### **SAFETY CABLE SYSTEM** ORDERING INFORMATION

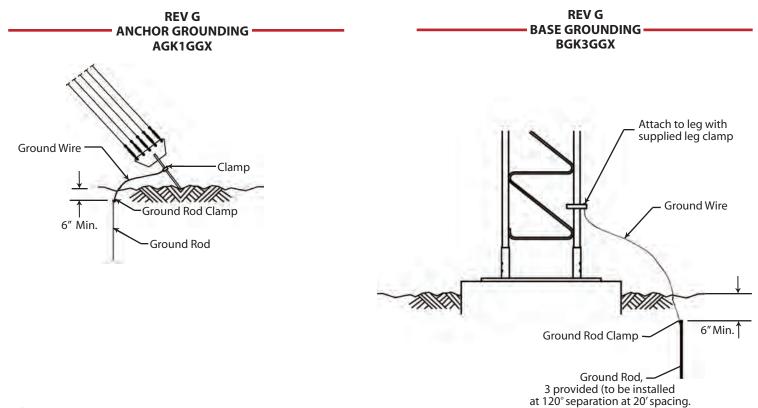
TOWER HEIGHT	PART NUMBER
50′	TT0504555
100′	TT1004555
150′	TT1504555
200'	TT2004555
250′	TT2504555
300′	TT3004555
350'	TT3504555

SAFETY CABLE SLIDER AND CLIMBING HARNESS MUST BE ORDERED SEPARATELY.

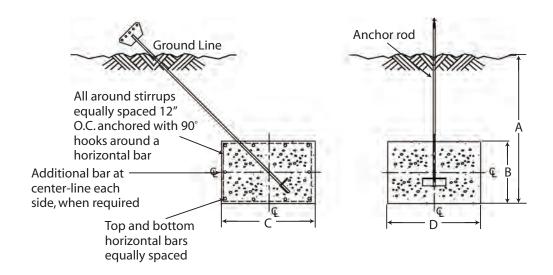
# ANCHOR INFORMATION







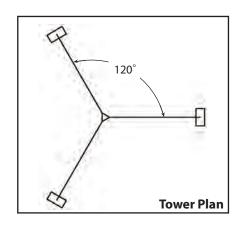
# STANDARD ANCHOR BLOCKS

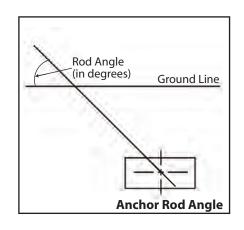


#### Refer to page 68 for anchor rod installation angles.

Diade	Anchor Dimensions (in.)		ns (in.)	Horizontal Bars	Stirrup Size	Concrete Vol.	
Block	Α	В	C	D	(Qty. & Size)	& Spacing	(Cu. Yds.)
AB2	4'-0"	1' - 6"	4' - 0"	6' - 0"	(5) #6 Bars, Top Layer (5) #6 Bars, Bottom Layer (0) Additional Bar, Each Side	#3 @ 12"O.C.	1.33 Per Block 4.0 Total for 3
AB3	6' - 0"	1'-6"	3'-0"	6' - 0"	(4) #6 Bars, Top Layer (4) #6 Bars, Bottom Layer (0) Additional Bar, Each Side	#3 @ 12"O.C.	1.0 Per Block 3.0 Total for 3
AB4	6' - 0"	1'-6"	4' - 0"	9'-0"	(5) #6 Bars, Top Layer (5) #6 Bars, Bottom Layer (0) Additional Bar, Each Side	#4 @ 12" O.C.	2.0 Per Block 6.0 Total for 3
AB5	8'-0"	2'-0"	3'-0"	10'-0"	(4) #7 Bars, Top Layer (4) #7 Bars, Bottom Layer (1) Additional Bar, Each Side	#4 @ 12" O.C.	2.22 Per Block 6.7 Total for 3
AB6	8'-0"	2'-0"	4'-0"	10'-0"	(5) #7 Bars, Top Layer (5) #7 Bars, Bottom Layer (1) Additional Bar, Each Side	#4 @ 12" O.C.	2.96 Per Block 8.9 Total for 3

# ANCHOR ROD INSTALLATION ANGLES



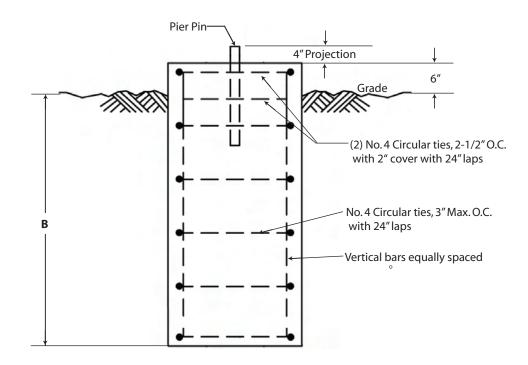


45G   90MPH								
Tower Height	Inner Rod Number	Inner Rod Angle	Outer Rod Number	Outer Rod Angle				
40′	GAC3455TOP	45	-	-				
50′	GAC3455TOP	46	-	-				
60′	GAC3455TOP	43	-	-				
70′	GAC3455TOP	43	-	-				
80′	GAC3455TOP	41	-	-				
90′	GAC3455TOP	42	-	-				
100′	GAC3455TOP	42	-	-				
110′	GAC3455TOP	40	-	-				
120′	GAC3455TOP	39	-	-				
130′	GAC3455TOP	40	-	-				
140′	GAC3455TOP	39	-	-				
150′	GAC3455TOP	38	-	-				
160′	GAC3455TOP	37	-	-				
170′	GAC3455TOP	38	-	-				
180′	GAC3455TOP	38	-	-				
190′	GAC3455TOP	36	-	-				
200′	GAC3455TOP	36	-	-				
210′	GAC3455TOP	40	GAC3455TOP	44				
220′	GAC3455TOP	40	GAC3455TOP	44				
230′	GAC3455TOP	42	GAC3455TOP	42				
240′	GAC3455TOP	42	GAC3455TOP	41				
250′	GAC3455TOP	40	GAC3455TOP	43				
260′	GAC3455TOP	40	GAC3455TOP	42				
270′	GAC3455TOP	38	GAC3455TOP	43				
280′	GAC3455TOP	38	GAC3455TOP	43				
290′	GAC3455TOP	38	GAC3455TOP	44				
300′	GAC3455TOP	38	GAC3455TOP	43				

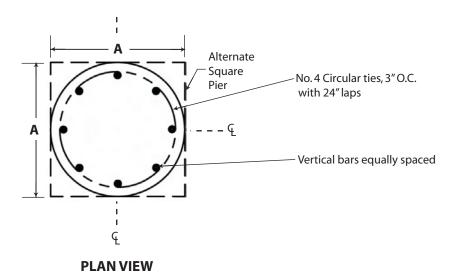
45G   110MPH								
Tower Height	Inner Rod Number	Inner Rod Angle	Outer Rod Number	Outer Rod Angle				
40′	GAC3455TOP	45	-	-				
50′	GAC3455TOP	46	-	-				
60′	GAC3455TOP	41	-	-				
70′	GAC3455TOP	41	-	-				
80′	GAC3455TOP	41	-	-				
90'	GAC3455TOP	41	-	-				
100′	GAC3455TOP	39	-	-				
110′	GAC3455TOP	39	-	-				
120′	GAC3455TOP	39	-	-				
130′	GAC3455TOP	38	-	-				
140′	GAC3455TOP	38	-	-				
150′	GAC3455TOP	38	-	-				
160′	GAC3455TOP	38	-	-				
170′	GAC5655TOP	37	-	-				
180′	GAC5655TOP	37	-	-				
190′	GAC5655TOP	37	-	-				
200′	GAC5655TOP	37	-	-				
210′	GAC3455TOP	41	GAC5655TOP	42				
220′	GAC3455TOP	41	GAC5655TOP	42				
230′	GAC3455TOP	38	GAC5655TOP	43				
240′	GAC3455TOP	39	GAC5655TOP	43				

4	5G   130MPH	ł
Tower	Rod	Rod
Height	Number	Angle
40'	GAC3455TOP	48
50′	GAC3455TOP	48
60′	GAC3455TOP	40
70′	GAC3455TOP	40
80′	GAC3455TOP	40
90'	GAC3455TOP	40
100′	GAC3455TOP	38
110′	GAC3455TOP	38
120′	GAC3455TOP	38
130′	GAC5655TOP	38
140′	GAC5655TOP	37
150′	GAC5655TOP	37

# STANDARD BASE PIERS



**ELEVATION VIEW** 



Base	Α	В	Concrete Vol. (Cu. Yds.) Round Pier	Vertical Bars (No. & Size)
CB1G*	2'-6"	4'-0"	1.0	(8) #7
CB2G	3'-0"	4'-0"	1.2	(10) #7
CB3G	3'-6"	4'-0"	1.6	(12) #7

<sup>\*</sup> Square pier option must be used for CB1G.



#### STANDARD 45GSR GUYED TOWER



45GSR



The 45GSR maintains the utility of the 45G and adds the strength of solid round steel legs. The 45GSR has a strong 4 bolt flange connection, giving connection joints superior strength over typical 1 bolt flange connection systems. The 45GSR is available in heights up to 340'.

#### **FEATURES**

- Completely hot-dip galvanized after fabrication
- Built on a 16 3/4" equilateral triangle design
- Heavy solid steel round legs joined by Zig-Zag<sup>®</sup> cross members
- Each section contains all required nuts and bolts shipped with section
- Continuous solid round steel bracing

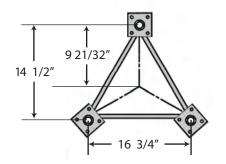
#### **CAUTION**

Mixing copies of ROHN towers with ROHN towers is dangerous and voids all engineering and warranty data supplied by ROHN. Materials used by others are not the same quality and have not been tested or engineered by ROHN. Mixing ROHN tower sections with non-ROHN products may cause tower failure or injury.

Per Rev G requirements, any structure greater than 10' requires a climber safety device. Please see page 92 for ordering information.

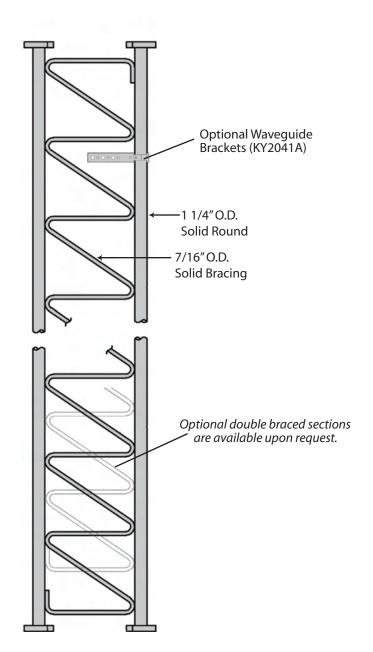


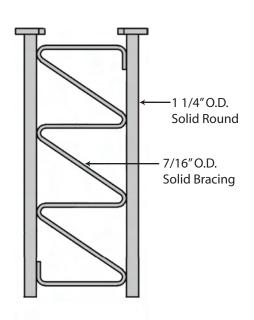
# STANDARD 45GSR GUYED TOWER SECTIONS



#### **QUICK REFERENCE**

PARTS & ACCESSORIES PAGE 92
GROUNDING INFORMATION PAGE 93
FOUNDATION INFORMATION PAGES 93-97





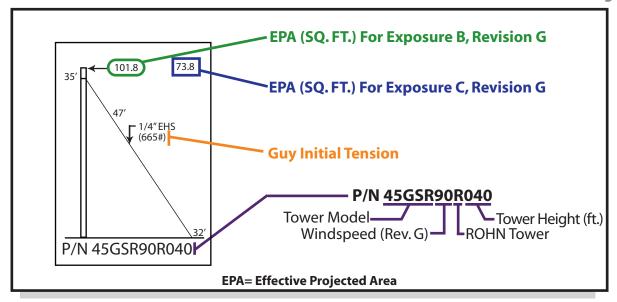
**4.3' 45GSR SHORT BASE** 45GSRSB

TO BE EMBEDDED IN CONCRETE.

**STANDARD SECTION 45GSR10** - 10' Section **45GSR20** - 20' Section

# BUYERS GUIDE STANDARD DESIGNS - 45GSR 90MPH REV. G [3 SECOND GUST]

Design Criteria



This document is to serve as a guide for sizing and purchasing the 45GSR tower. Tower and foundation installations should be performed by qualified and experienced personnel using assembly drawings provided with each tower.

#### **DESIGN NOTES:**

- 1. Tower designs are in accordance with ANSI/TIA-222-G, Class I Structures, Topographic Category 1.
- 2. Design assumes towers are installed on level ground. Lower EPA values will apply for roof mounted towers or for sites located on unusual terrain.
- 3. Designs assume two 7/8" diameter lines on each tower face.
- 4. Anchor radius is from tower base to intersection of anchor rod with ground.
- 5. Guy chord lengths shown are based on level ground. Initial tensions for guys are shown in ( ) in pounds at 60° Fahrenheit.
- 6. Antenna and mounts are assumed symmetrically placed at the tower top.

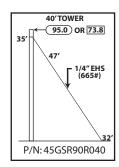
#### **PARTS LIST NOTES:**

- 1. Items listed are required for complete guyed towers.
- 2. Base and anchor foundations listed refer to standard foundation designations.
- 3. Guys provided with each standard tower are based on level ground conditions with an additional 6% length.
- 4. Rev G anchor grounding (AGK1GGX) and base grounding (BGK3GGX) are included with the tower material.
- 5. Assembly drawings and a safety package (P/N: ACWS) are included with each tower.
- 6. Parts lists are subject to change based on availability or revised design criteria.

FOR FOUNDATION INFORMATION, PLEASE SEE PAGES 93-97.
FOR GENERAL INSTALLATION INFORMATION, PLEASE SEE PAGES 147-153.





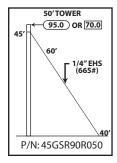


TOWER PARTS	45GSR20	45GSRSB	GA45GD	FI BASE	DNS ANCH	OR
INCLUDED	2	1	1	FB1G	AB2	2
GUYS & CONNECTIONS	1/4EHS	BG2144	3/8THH	1/2TBE&J TI		TBSAFETY
INCLUDED	150'	6	6	3		3
ANCHORS &	GAC3455TOP	AGK1GGX	BGK3GGX	CPC.	5/.75	<u> </u>
GROUNDING INCLUDED	3	1	3	3		



#### 40' ROHN 45GSR

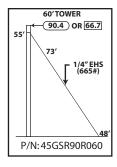
All parts shown in table are included when ordering Part No: 45GSR90R040



	45GSR20	45GSR10	45GSRSB	GA45GD	FI	ONS
TOWER PARTS	43G3R20	43G3K10	40G3K3B	OA+30D	BASE	ANCHOR
INCLUDED	2	1	1	1	FB1G	AB2
GUYS & CONNECTIONS	1/4EHS	BG2144	3/8THH	1/2TBE&J	TBSAFETY	
INCLUDED	200'	6	6	3		3
ANCHORS & GROUNDING	GAC3455TOP	AGK1GGX	BGK3GGX	CPC.5/.75		
INCLUDED	3	1	3	3		

#### 50' ROHN 45GSR

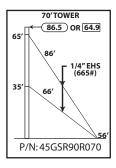
All parts shown in table are included when ordering Part No: 45GSR90R050



TOWER PARTS	45GSR20	45GSRSB	GA45GD	FDNS BASE ANCH	OR
INCLUDED	3	1	1	FB1G AB2	2
GUYS & CONNECTIONS	1/4EHS	BG2144	3/8THH	1/2TBE&J	TBSAFETY
INCLUDED	250'	6	6	3	3
ANCHORS &	GAC3455TOP	AGK1GGX	BGK3GGX	CPC.5/.75	
GROUNDING INCLUDED	3	1	3	3	

#### 60' ROHN 45GSR

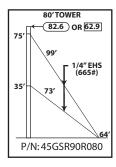
All parts shown in table are included when ordering Part No: 45GSR90R060



	45CCD00	45GSR10	45GSRSB	CCD40 45CCDCD CA45G	GA45GD	FI	DNS
TOWER PARTS	45GSR20	45G5R10	45G5R5B	GA45GD	BASE	<b>ANCHOR</b>	
INCLUDED	3	1	1	2	FB1G	AB2	
GUYS & CONNECTIONS	1/4EHS	BG2144	3/8THH	1/2TBE&J	TBSAFETY		
INCLUDED	500'	12	12	6		3	
ANCHORS &	GAC3455TOP	AGK1GGX	BGK3GGX	CPC.5/.75			
GROUNDING INCLUDED	3	1	3	3			

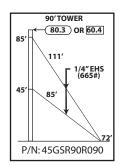
70'	ROI	HN 4	45GSR

All parts shown in table are included when ordering Part No: 45GSR90R070



TOWER PARTS	45GSR20	45GSRSB	GA45GD		ONS ANCH	OR
INCLUDED	4	1	2	FB1G	AB2	2
GUYS & CONNECTIONS	1/4EHS	BG2144	3/8THH	1/2TE	BE&J	TBSAFETY
INCLUDED	550'	12	12	6	;	3
ANCHORS & GROUNDING	GAC3455TOP	AGK1GGX	BGK3GGX	CPC.	5/.75	
INCLUDED	3	1	3	3		

#### 80' ROHN 45GSR

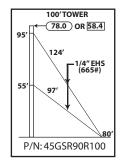


						21.10
TOWER PARTS	45GSR20	45GSR10	45GSRSB	GA45GD		ONS ANCHOR
INCLUDED	4	1	1	2	FB1G	AB2
GUYS & CONNECTIONS	1/4EHS	BG2144	3/8THH	1/2TBE&J	TBS	AFETY
INCLUDED	625'	12	12	6		3
ANCHORS & GROUNDING	GAC3455TOP	AGK1GGX	BGK3GGX	CPC.5/.75		
INCLUDED	3	1	3	3		

45GSR SOLID ROD

#### 90' ROHN 45GSR

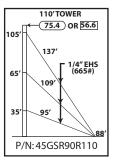
All parts shown in table are included when ordering Part No: 45GSR90R090



TOWER PARTS	45GSR20	45GSRSB	GA45GD	FDNS BASE ANCH	OR
INCLUDED	5	1	2	FB1G AB2	2
GUYS & CONNECTIONS	1/4EHS	BG2144	3/8THH	1/2TBE&J	TBSAFETY
INCLUDED	725'	12	12	6	3
ANCHORS &	GAC3455TOP	AGK1GGX	BGK3GGX	CPC.5/.75	
GROUNDING INCLUDED	3	1	3	3	

#### 100' ROHN 45GSR

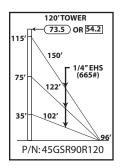
All parts shown in table are included when ordering Part No: 45GSR90R100



TOWER PARTS	45GSR20	45GSR10	45GSRSB	GA45GD		ONS ANCHOR
INCLUDED	5	1	1	3	FB1G	AB2
GUYS & CONNECTIONS	1/4EHS	BG2144	3/8THH	1/2TBE&J	TBS	AFETY
INCLUDED	1100'	18	18	9		3
ANCHORS & GROUNDING	GAC3455TOP	AGK1GGX	BGK3GGX	CPC.5/.75		
INCLUDED	3	1	3	3		

#### 110' ROHN 45GSR

All parts shown in table are included when ordering Part No: 45GSR90R110



TOWER PARTS	45GSR20	45GSRSB	GA45GD		DNS ANCH	OR
INCLUDED	6	1	3	FB1G	AB2	2
GUYS & CONNECTIONS	1/4EHS	BG2144	3/8THH	1/2TE	BE&J	TBSAFETY
INCLUDED	1200'	18	18	9		3
	GAC3455TOP	AGK1GGX	BGK3GGX	CPC.	5/.75	
GROUNDING INCLUDED	3	1	3	3		

1	20'	RO	HN	45	GSR

All parts shown in table are included when ordering Part No: 45GSR90R120

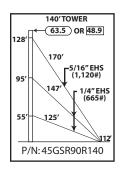
	130'TOWER
118′	65.0 OR 49.8
85'	5/16" EHS (1,120#)
45′	113' (665#)
P	/N:45GSR90R130

TOWER PARTS	45GSR20	45GSR10	45GSRSB	GA45GD		ONS ANCHOR
INCLUDED	6	1	1	3	FB1G	AB2
	1/4EHS	142265	BG2144	BG2146		
GUYS & CONNECTIONS	800'	500'	12	6		
INCLUDED	3/8THH	7/16THH	5/8TBE&J	1/2TBE&J		
	12	6	3	6		
ANCHORS &	GAC3455TOP	AGK1GGX	BGK3GGX	CPC.5/.75	TBS	AFETY
GROUNDING INCLUDED	3	1	3	3		3

#### 130' ROHN 45GSR





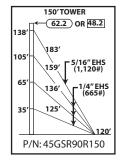


TOWER PARTS	45GSR20	45GSRSB	GA45GD		DNS ANCH	OR
INCLUDED	7	1	3	FB1G	AB2	2
	1/4EHS	142265	BG2144	BG2	146	
GUYS& CONNECTIONS	875'	550'	12	6		
INCLUDED	3/8THH	7/16THH	5/8TBE&J	1/2TB	E&J	
	12	6	3	6		
ANCHORS & GROUNDING	GAC3455TOP	AGK1GGX	BGK3GGX	CPC.	5/.75	TBSAFETY
INCLUDED	3	1	3	3		3

# 45GSR SOLID ROD

#### 140' ROHN 45GSR

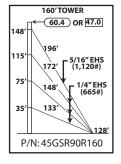
All parts shown in table are included when ordering Part No: 45GSR90R140



TOWER PARTS	45GSR20	45GSR10	45GSRSB	GA45GD		DNS ANCHOR
INCLUDED	7	1	1	4	FB1G	AB2
	1/4EHS	142265	BG2144	BG2146		
GUYS & CONNECTIONS	1350'	600'	18	6		
INCLUDED	3/8THH	7/16THH	5/8TBE&J	1/2TBE&J		
	18	6	3	9		
ANCHORS &	GAC3455TOP	AGK1GGX	BGK3GGX	CPC.5/.75	TBS	AFETY
GROUNDING INCLUDED	3	1	3	3		3

#### 150' ROHN 45GSR

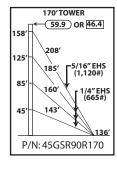
All parts shown in table are included when ordering Part No: 45GSR90R150



TOWER PARTS	45GSR20	45GSRSB	GA45GD	FDNS BASE ANCH	OR
INCLUDED	8	1	4	FB1G AB2	2
	1/4EHS	142265	BG2144	BG2146	
GUYS & CONNECTIONS	1450'	625'	18	6	
INCLUDED	3/8THH	7/16THH	5/8TBE&J	1/2TBE&J	
	18	6	3	9	
ANCHORS & GROUNDING	GAC3455TOP	AGK1GGX	BGK3GGX	CPC.5/.75	TBSAFETY
INCLUDED	3	1	3	3	3

#### **160' ROHN 45GSR**

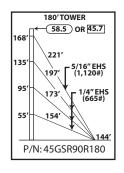
All parts shown in table are included when ordering Part No: 45GSR90R160



TOWER PARTS	45GSR20	45GSR10	45GSRSB	GA45GD		ONS ANCHOR
INCLUDED	8	1	1	4	FB1G	AB3
	1/4EHS	142265	BG2144	BG2146		
GUYS & CONNECTIONS	1575'	675'	18	6		
INCLUDED	3/8THH	7/16THH	5/8TBE&J	TBSAFETY		
	18	6	12	3		
ANCHORS &	GAC5655TOP	AGK1GGX	BGK3GGX	CPC1/1.25		
GROUNDING INCLUDED	3	1	3	3		

#### 170' ROHN 45GSR

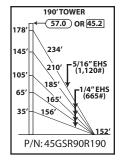




	45GSR20	45GSRSB	GA45GD	FDNS	
TOWER PARTS	45G5K20	40G3K3B	GA43GD	BASE ANC	HOR
INCLUDED	9	1	4	FB1G A	33
	1/4EHS	142265	BG2144	BG2146	
GUYS & CONNECTIONS	1675'	725'	18	6	
INCLUDED	3/8THH	7/16THH	5/8TBE&J	TBSAFET	<b>′</b>
	18	6	12	3	
ANCHORS &	GAC5655TOP	AGK1GGX	BGK3GGX	CPC1/1.2	5
GROUNDING INCLUDED	3	1	3	3	

#### **180' ROHN 45GSR**

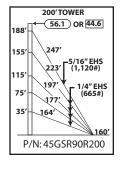
All parts shown in table are included when ordering Part No: 45GSR90R180



TOWER PARTS	45GSR20	45GSR10	45GSRSB	GA45GD		DNS ANCHOF
INCLUDED	9	1	1	5	FB1G	AB3
	1/4EHS	142265	BG2144	BG2146		
GUYS & CONNECTIONS	2300'	750'	24	6		
INCLUDED	3/8THH	7/16THH	5/8TBE&J	TBSAFETY		
	24	6	15	3		
ANCHORS & GROUNDING	GAC5655TOP	AGK1GGX	BGK3GGX	CPC1/1.25		
INCLUDED	3	1	3	3		

#### 190' ROHN 45GSR

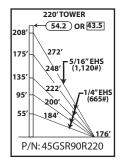
All parts shown in table are included when ordering Part No: 45GSR90R190



	45GSR20	45GSRSB	GA45GD	APL4A		DNS
TOWER PARTS	10001120	10001100	0.1.002	- 11 - 11 -	BASE	ANCHO
INCLUDED	10	1	5	1	FB1G	AB3
	1/4EHS	142265	BG2144	BG2146		
GUYS & CONNECTIONS	2425'	800'	24	6		
INCLUDED	3/8THH	7/16THH	5/8TBE&J	TBSAFETY		
	24	6	15	3		
ANCHORS & GROUNDING	GAC5655TOP	AGK1GGX	BGK3GGX	CPC1/1.25		
INCLUDED	3	1	3	3		

#### 200' ROHN 45GSR

All parts shown in table are included when ordering Part No: 45GSR90R200



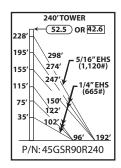
TOWER PARTS	45GSR20	45GSRSB	GA45GD	APL4A	FI BASE	DNS ANCHOR
INCLUDED	11	1	5	1	FB1G	AB3
	1/4EHS	142265	BG2144	BG2146		
GUYS & CONNECTIONS	2725'	875'	24	6		
INCLUDED	3/8THH	7/16THH	5/8TBE&J	TBSAFETY		
	24	6	15	3		
ANCHORS &	GAC5655TOP	AGK1GGX	BGK3GGX	CPC1/1.25		
GROUNDING	3	1	3	3		

#### **220' ROHN 45GSR**

All parts shown in table are included when ordering

Part No: 45GSR90R220



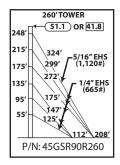


TOWER PARTS	45GSR20	45GSRSB		GA45GD		APL4	BASE	BASE INI		OUTER ANCHOR
INCLUDED	12		1	6		1	FB1G	Α	B2	AB2
	1/4EHS		14220	65 BG		2144	BG214	6		
GUYS & CONNECTIONS	2850'		950	,	3	30	6			
INCLUDED	3/8THH		7/16T	НН	5/8T	BE&J	1/2TBE	<b>&amp;</b> J		
	30		6		3		15			
ANCHORS &	GAC3455T0	OP	AGK10	GX	BGK	3GGX	CPC.5/.75		TBS	SAFETY
GROUNDING INCLUDED	6		2			3	6			6



#### 240' ROHN 45GSR

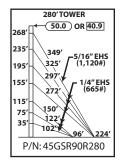
All parts shown in table are included when ordering Part No: 45GSR90R240



TOWER PARTS	45GSR20	45GSRSB	GA4	5GD	APL4A	BASE		NER CHOR	OUTER ANCHOR
INCLUDED	13	1	(	6	1	FB1G	Α	B2	AB2
	1/4EHS	1422	65 BG		2144	BG214	16		
GUYS & CONNECTIONS	3250'	105	0'	3	30	6			
INCLUDED	3/8THH	7/16T	ΉΗ	5/8T	BE&J	1/2TBE	&J		
	30	6		3		15			
ANCHORS & GROUNDING INCLUDED	GAC3455T0	OP AGK10	3GX	BGK	3GGX	CPC.5/.75		TBS	AFETY
	6 2			3		6			6

#### **260' ROHN 45GSR**

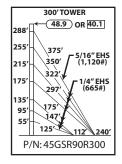
All parts shown in table are included when ordering Part No: 45GSR90R260



TOWER PARTS	45GSR20	45GSRSB	GA45GD		APL4	A BASE	INNER ANCHOR		OUTER ANCHOR
INCLUDED	14	1	7	7	1	FB1G	Α	B2	AB3
	1/4EHS	1422	65 BG		2144	BG2146		3/8THH	
GUYS & CONNECTIONS	4050'	1125	5' :		36	6		36	
INCLUDED	7/16THH	5/8TBI	E&J	1/2T	BE&J	CPC.5/.	75	CPC	C1/1.25
	6	12	12		9	3		3	
ANCHORS &	GAC3455TC	OP GAC565	<b>5ТОР</b>	AGK	(1GGX	BGK3GGX		GX TBSAFE	
GROUNDING INCLUDED 3		3			2	3			6

#### 280' ROHN 45GSR

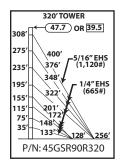
All parts shown in table are included when ordering Part No: 45GSR90R280



	TOWER PARTS	45GSR20	45GSRSE	GA4	5GD	APL4	BASE		NER CHOR	OUTER ANCHOR
	INCLUDED	15	1	1 7		1	FB1G	Α	B2	AB3
		1/4EHS	1422	265	BG	2144	BG2146		3/8THH	
	GUYS & CONNECTIONS INCLUDED	4525'	120	0'	(	36	6		36	
		7/16THH	5/8TB	E&J	1/2T	BE&J	CPC.5/.	.75	CPO	C1/1.25
		6	12	12		9	3		3	
	ANCHORS & GROUNDING INCLUDED	GAC3455T0	OP GAC565	GAC5655TOP		(1GGX	BGK3GGX		SX TBSAFE	
		3	3		2		3			6

#### **300' ROHN 45GSR**



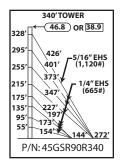


TOWER PARTS	45GSR20	45GSRSB		GA45GD		APL4A	BASE		NER CHOR	OUTER ANCHOR
INCLUDED	16		1		3	1	FB1G	Α	B2	AB3
	1/4EHS		14220	65 BG		2144	BG2146		3/8THH	
GUYS & CONNECTIONS	5450'	5450'		5'	2	12	6		42	
INCLUDED	7/16THH		5/8TBE	E&J	1/2T	BE&J	CPC.5/.	75	CPO	C1/1.25
	6		12		12		3		3	
ANCHORS & GROUNDING INCLUDED	GAC3455T0	OP	GAC5658	ТОР	AGK1GGX		BGK3GGX		X TBSAFE	
	3		3		2		3			6



#### 320' ROHN 45GSR

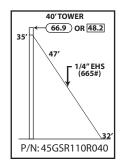
All parts shown in table are included when ordering Part No: 45GSR90R320



	TOWER PARTS	45GSR20	450	GSRSB	GA4	5GD	APL4	A BASE	INI	NER CHOR	OUTER ANCHOR
	INCLUDED	17		1	8		1	FB1G	Α	B2	AB3
		1/4EHS	S 1422		65 BG		2144	BG214	16	3/8THF	
	GUYS & CONNECTIONS	5975'	75' 137		5'	2	12	6			42
	INCLUDED	7/16THH		5/8TBE	E&J	1/2T	BE&J	CPC.5/.	75	CPC	C1/1.25
		6		12		12		3		3	
	ANCHORS & GROUNDING INCLUDED	GAC3455T0	OP (	GAC5658	STOP	AGK	1GGX	BGK3GGX		GX TBSAFI	
		3		3			2				6

#### **340' ROHN 45GSR**



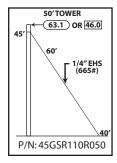


TOWER PARTS	45GSR20	45GSRSB	GA45GD	BASE ANCHOR		OR
INCLUDED	2	1	1	FB2G AB2		
GUYS & CONNECTIONS	1/4EHS	BG2144	3/8THH	1/2TBE&J		TBSAFETY
INCLUDED	150'	6	6	3		3
	GAC3455TOP	AGK1GGX	BGK3GGX	CPC.	5/.75	
GROUNDING INCLUDED	3	1	3	3		



#### 40' ROHN 45GSR

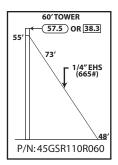
All parts shown in table are included when ordering Part No: 45GSR110R040



	TOWER PARTS INCLUDED	45GSR20	45GSR10	45GSRSB	GA45GD		DNS
		45G3N20	45GSK10	4000000	0/1400D	BASE	ANCHOR
		2	1	1	1	FB2G	AB2
	GUYS & CONNECTIONS INCLUDED	1/4EHS	BG2144	3/8THH	1/2TBE&J	TBS	AFETY
		200'	6	6	3		3
	ANCHORS & GROUNDING	GAC3455TOP	AGK1GGX	BGK3GGX	CPC.5/.75		
	INCLUDED	3	1	3	3		

#### 50' ROHN 45GSR

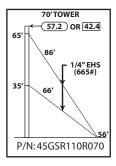
All parts shown in table are included when ordering Part No: 45GSR110R050



TOWER PARTS	45GSR20	45GSRSB	GA45GD	FDNS BASE ANCH	IOR
INCLUDED	3	1	1	FB2G AB	2
GUYS & CONNECTIONS	1/4EHS	BG2144	3/8THH	1/2TBE&J	TBSAFETY
INCLUDED	250'	6	6	3	3
ANCHORS &	GAC3455TOP	AGK1GGX	BGK3GGX	CPC.5/.75	
GROUNDING INCLUDED	3	1	3	3	

#### 60' ROHN 45GSR

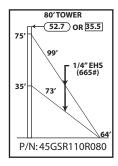
All parts shown in table are included when ordering Part No: 45GSR110R060



	45GSR20	45GSR10	45GSRSB	GA45GD	FDNS	
TOWER PARTS	45G5R20	45G5K10	45G5R5B	GA43GD	BASE	ANCHOR
INCLUDED	3	1	1	2	FB2G	AB2
GUYS & CONNECTIONS	1/4EHS	BG2144	3/8THH	1/2TBE&J	TBS	AFETY
INCLUDED	500'	12	12	6		3
ANCHORS & GROUNDING	GAC3455TOP	AGK1GGX	BGK3GGX	CPC.5/.75		
INCLUDED	3	1	3	3		

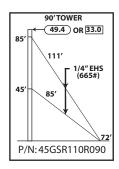
70' ROHN 45GSR
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All parts shown in table are included when ordering Part No: 45GSR110R070



TOWER PARTS	45GSR20	45GSRSB	GA45GD	FDN BASE AN		
INCLUDED	4	1	2	FB2G A	AB2	
GUYS & CONNECTIONS	1/4EHS	BG2144	3/8THH	1/2TBE	&J T	BSAFETY
INCLUDED	550'	12	12	6		3
ANCHORS &	GAC3455TOP	AGK1GGX	BGK3GGX	CPC.5/.	′ <mark>.75</mark>	
GROUNDING INCLUDED	3	1	3	3		

#### 80' ROHN 45GSR

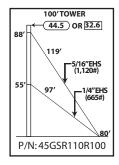


	TOWER PARTS	45GSR20	45GSR10	45GSRSB	GA45GD		DNS ANCHOR
INCL	INCLUDED	4	1	1	2	FB2G	AB2
	GUYS & CONNECTIONS	1/4EHS	BG2144	3/8THH	1/2TBE&J	TBS	AFETY
	INCLUDED	625'	12	12	6		3
	ANCHORS &	GAC3455TOP	AGK1GGX	BGK3GGX	CPC.5/.75		
	GROUNDING INCLUDED	3	1	3	3		

# 45GSR SOLID ROD

#### 90' ROHN 45GSR

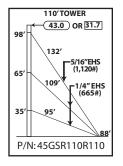
All parts shown in table are included when ordering Part No: 45GSR110R090



TOWER PARTS	45GSR20	45GSRSB	GA45GD	BASE A	NS ANCHO	DR .
INCLUDED	5	1	2	FB2G	AB2	
	1/4EHS	142265	3/8THH	1/2TBI	E&J	5/8TBE&J
GUYS & CONNECTIONS	325'	400'	6	3		3
INCLUDED	7/16THH	BG2144	BG2146	TBSAF	ETY	
	6	6	6	3		
ANCHORS & GROUNDING	GAC3455TOP	AGK1GGX	BGK3GGX	CPC.5	5/.75	
INCLUDED	3	1	3	3		

#### 100' ROHN 45GSR

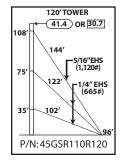
All parts shown in table are included when ordering Part No: 45GSR110R100



	45GSR20	45GSR10	45GSRSB	CAAECD	F	DNS
TOWER PARTS	43G3R20	43G3K10	4303135	GA40GD	BASE	ANCHOR
INCLUDED	5	1	1	3	FB2G	AB2
	1/4EHS	142265	3/8THH	1/2TBE&	J 5/8	TBE&J
GUY WIRE & CONNECTION	650'	425'	12	6		3
INCLUDED	7/16THH	BG2144	BG2146	TBSAFET	Υ	
	6	12	6	3		
ANCHORS & GROUNDING	GAC3455TOP	AGK1GGX	BGK3GGX	CPC.5/.7	<mark>′5</mark>	
INCLUDED	3	1	3	3		

#### 110' ROHN 45GSR

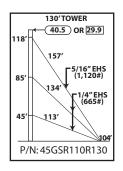
All parts shown in table are included when ordering Part No: 45GSR110R110



TOWER PARTS	45GSR20	45GSRSB	GA45GD		DNS ANCH	OR
INCLUDED	6	1	3	FB2G	AB2	2
	1/4EHS	142265	3/8THH	1/2TB	E&J	5/8TBE&J
GUYS & CONNECTIONS INCLUDED	725'	475'	12	6		3
	7/16THH	BG2144	BG2146	TBSAI	ETY	
	6	12	6	3		
ANCHORS &	GAC3455TOP	AGK1GGX	BGK3GGX	CPC.	5/.75	
GROUNDING INCLUDED	3	1	3	3		

#### 120' ROHN 45GSR



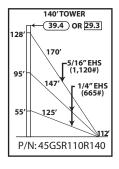


TOWER PARTS	45GSR20	45GSR10	45GSRSB	GA45GD		DNS ANCHOR	
INCLUDED	6	1	1	3	FB2G	AB2	
	1/4EHS	142265	3/8THH	1/2TBE8	J 5/8	5/8TBE&J	
GUYS & CONNECTIONS	800'	500'	12	6		3	
INCLUDED	7/16THH	BG2144	BG2146	TBSAFET	Υ		
	6	12	6	3			
ANCHORS &	GAC3455TOP	AGK1GGX	BGK3GGX	CPC.5/.7	<b>7</b> 5		
GROUNDING INCLUDED	3	1	3	3			



#### 130' ROHN 45GSR

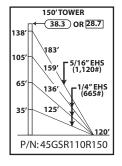
All parts shown in table are included when ordering Part No: 45GSR110R130



TOWER PARTS	45GSR20	45GSRSB	GA45GD	FDNS BASE ANCH	OR
INCLUDED	7	1	3	FB2G AB2	2
	1/4EHS	142265	3/8THH	1/2TBE&J	5/8TBE&J
GUYS & CONNECTIONS	875'	550'	12	6	3
INCLUDED	7/16THH	BG2144	BG2146	TBSAFETY	
	6	12	6	3	
ANCHORS &	GAC3455TOP	AGK1GGX	BGK3GGX	CPC.5/.75	
GROUNDING INCLUDED	3	1	3	3	

#### 140' ROHN 45GSR

All parts shown in table are included when ordering Part No: 45GSR110R140



	45CCD00	45CCD40	4ECCDCD	CAAFOD	FI	DNS
TOWER PARTS	45GSR20	45GSR10	45GSRSB	GA45GD	BASE	ANCHOR
INCLUDED	7	1	1	4	FB2G	AB3
	1/4EHS	142265	3/8THH	5/8TBE&	J	
GUYS & CONNECTIONS	1350'	600'	18	12		
INCLUDED	7/16THH	BG2144	BG2146	TBSAFET	Υ	
	6	18	6	3		
ANCHORS &	GAC5655TOP	AGK1GGX	BGK3GGX	CPC1/1.2	<mark>25</mark>	
GROUNDING INCLUDED	3	1	3	3		

#### 150' ROHN 45GSR

All parts shown in table are included when ordering Part No: 45GSR110R150

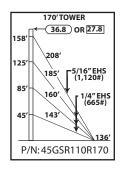
	160'TOWER
148	37.5 OR 28.2
115	, 196' , 5/16" EHS 172' (1,120#)
75	, 148' 7 1/4" EHS (665#)
35	133'
P	/N:45GSR110R160

TOWER PARTS	45GSR20	45GSRSB	GA45GD		ONS ANCHOI
INCLUDED	8	1	4	FB2G	AB3
	1/4EHS	142265	3/8THH	5/8TBE&J	
GUYS & CONNECTIONS	1450'	625'	625' 18		2
INCLUDED	7/16THH	BG2144	44 BG2146 TBS		FETY
	6	18	6	3	
ANCHORS &	GAC5655TOP	AGK1GGX	BGK3GGX	CPC1/1.2	
GROUNDING INCLUDED	3	1	3	3	

# 160' ROHN 45GSR





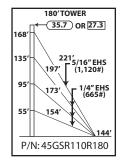


TOWER PARTS	45GSR20	45GSR10	45GSRSB	GA45GD		DNS ANCHOR
INCLUDED	8	1	1	4	FB2G	AB3
	1/4EHS	142265	3/8THH	5/8TBE&	J	
GUYS & CONNECTIONS	1575'	675'	18	12		
INCLUDED	7/16THH	BG2144	BG2146	TBSAFET	Υ	
	6	18	6	3		
ANCHORS &	GAC5655TOP	AGK1GGX	BGK3GGX	CPC1/1.2	25	
GROUNDING INCLUDED	3	1	3	3		

# 45GSR SOLID ROD

#### 170' ROHN 45GSR

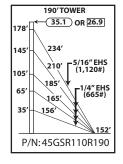
All parts shown in table are included when ordering Part No: 45GSR110R170



TOWER PARTS	45GSR20 45GSRSB		GA45GD		DNS ANCHOI
INCLUDED	9	1	4	FB2G	AB3
	1/4EHS	142265	3/8THH	5/8TBE&J	
GUYS & CONNECTIONS	1675'	725'	18	12	
INCLUDED	7/16THH	BG2144	BG2146	TBSAFET	
	6	18	6	3	
ANCHORS &	GAC5655TOP	AGK1GGX	BGK3GGX	CPC1	/1.25
GROUNDING INCLUDED	3	1	3	3	

#### **180' ROHN 45GSR**

All parts shown in table are included when ordering Part No: 45GSR110R180



TOWER PARTS	45GSR20	45GSR10	45GSRSB	GA45GD		DNS ANCHOR
INCLUDED	9	1	1	5	FB2G	AB3
	1/4EHS	142265	3/8THH	5/8TBE&	J	
GUYS & CONNECTIONS	2300'	750'	24	15		
INCLUDED	7/16THH	BG2144	BG2146	TBSAFET	Υ	
	6	24	6	3		
ANCHORS &	GAC5655TOP	AGK1GGX	BGK3GGX	CPC1/1.2	25	
GROUNDING INCLUDED	3	1	3	3		

### 190' ROHN 45GSR

All parts shown in table are included when ordering Part No: 45GSR110R190

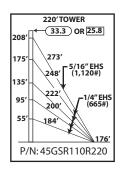
	200'TOWER
188′	34.6 OR 26.6
155′	247′ 5/16″ EHS
115′	223′ (1,120#)
75'	197' 1/4" EHS (665#)
35′	164'
$\perp$	160′
P/	N: 45GSR110R200

TOWER PARTS	45GSR20	45GSRSB		GA45GD		APL4A		ONS ANCH	OR
INCLUDED	10		1	5	;	1	FB2G	AB4	1
	1/4EHS		142265		3/8THH		5/8TBE&J		
GUYS & CONNECTIONS INCLUDED	2425'		800'		24		15		
	7/16THH	1	BG2144		BG2146		TBSAFETY		
	6		24		6		3		
ANCHORS &	GAC5655TOP		AGK1GGX		BGK3GGX		CPC1/1.25		
GROUNDING INCLUDED	3		1		3		3		

#### **200' ROHN 45GSR**





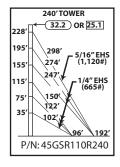


TOWER PARTS	45GSR20	45	GSRSB	GA45GD		APL4A	BASE	DNS ANCHO
INCLUDED	11		1	5	;	1	FB2G	AB4
	1/4EHS		142265		3/8THH		5/8TBE&J	
GUYS & CONNECTIONS	2725'		875'		24		15	
INCLUDED	7/16THH		BG2144		BG2146		TBSAFETY	
	6		24		6		3	
ANCHORS &	GAC5655TOP		AGK1GGX		BGK3GGX		CPC1/1.25	
GROUNDING INCLUDED	3		1	1		3	3	



#### 220' ROHN 45GSR

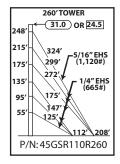
All parts shown in table are included when ordering Part No: 45GSR110R220



TOWER PARTS	45GSR20	45GSRSB	GA4	5GD APL4A		BASE	INN	NER HOR	OUTER ANCHOR
INCLUDED	12	1		5 1		FB2G	AE	32	AB3
	1/4EHS	1422	65	BG2144		BG214	16	3/8THH	
GUYS & CONNECTIONS	2850'	950	950'		30	6		30	
INCLUDED	7/16THF	5/8TB	5/8TBE&J		BE&J	CPC.5/.75		CPC	21/1.25
	6	9	9		9	3			3
ANCHORS &	GAC3455TC	OP GAC565	5TOP	AGK	1GGX	BGK3GGX		TBSAFETY	
GROUNDING INCLUDED	3	3			2	3			6

#### 240' ROHN 45GSR

All parts shown in table are included when ordering Part No: 45GSR110R240



TOWER PARTS	45GSR20	45GSRSB	GA45GD		APL4	BASE INI		JER HOR	OUTER ANCHOR
INCLUDED	13	1	(	6	1	FB2G AI		32	AB3
	1/4EHS	1422	65 BG		2144	BG214	6	3/8THH	
GUYS & CONNECTIONS	3250'	1050	)'	30		6		30	
INCLUDED	7/16THH	5/8TBI	5/8TBE&J		BE&J	CPC.5/.75		CPC	21/1.25
	6	9	9		9	3		3	
			<b>БТОР</b>	OP AGK1GGX		BGK3G	GΧ	(TBSAFET)	
GROUNDING INCLUDED	3	3			2	3			6

#### **260' ROHN 45GSR**

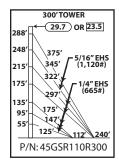
All parts shown in table are included when ordering Part No: 45GSR110R260

	280'TOWER
268′	30.4 OR 24.0
235′	349' _5/16"EHS
195′	325′ / (1,120#)
155′	297' 1/4" EHS (665#)
115′ 75′	150'
35′	1027 96' 224'
P/	N: 45GSR110R280

TOWER PARTS	45GSR20	45GSRSB		GA45GE		APL4	A BASE INI		NER HOR	OUTER ANCHOR
INCLUDED	14	1	1		7	1	FB2G	ΑE	32	AB4
	1/4EHS		142265		BG2144		BG214	16	3/8THH	
GUYS & CONNECTIONS INCLUDED	4050'		1125	5'	36		6		36	
	7/16THF	H 5.	5/8TBE&J		1/2TBE&J		CPC.5/.75		CPC	21/1.25
	6		12		9		3		3	
ANCHORS &	GAC3455T0	OP G/	AC5658	STOP	AGK1GGX		BGK3GGX		TBSAFETY	
GROUNDING INCLUDED	3		3		2		3		6	

#### 280' ROHN 45GSR



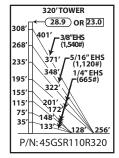


TOWER PARTS	45GSR20	45GSRSB	GA4	5GD	APL4/	A BASE	INI ANC	NER HOR	OUTER ANCHOR
INCLUDED	15	1	-	7	1	FB2G	AE	32	AB4
	1/4EHS	1422	65	BG	2144	BG214	6	3/8	зтнн
GUYS & CONNECTIONS	3400'	2300	)'	3	30	12			30
INCLUDED	7/16THH	5/8TBI	E&J	1/2T	BE&J	CPC.5/.	.75	CPC	21/1.25
	12	12			9	3			3
ANCHORS & GROUNDING	GAC3455TC	OP GAC565	5ТОР	AGK	1GGX	BGK3G	GΧ	TBS	AFETY
INCLUDED	3	3			2	3			6



#### **300' ROHN 45GSR**

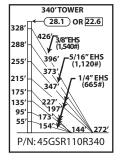
All parts shown in table are included when ordering Part No: 45GSR110R300



	TOWER PARTS	45GSR20	450	GSRS	SB	GA4	5GD	AF	L4A	BA	SE A	INNER NCHOR	OUTER ANCHOR
	INCLUDED	15		1		7	7		1	FB2	2G	AB3	AB4
		1/4EHS	142	265	142	2261	BG2	144	ВG	2146	BG	2147	5/8S
	GUYS & CONNECTIONS	4225'	12	00'	13	300'	36	6		6		6	3
	INCLUDED	1/2THH	3/87	ГНН	7/1	6TH	1 5/8 <sup>-</sup>	TBE	<b>&amp;</b> J	5/8	S	45GS	R20L82*
		6	3	6		6		24		3			1
	ANCHORS & GROUNDING INCLUDED	GAC5655	ГОР	AGK	(1G	GX	BGK	3G	GX	CPC <sup>2</sup>	1/1.:	25 TBS	SAFETY
		6			2			3		6	6		6

#### **320' ROHN 45GSR**

All parts shown in table are included when ordering Part No: 45GSR110R320



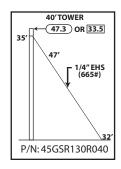
TOWER PARTS	45GSR20	45GSR	SB	GA4	5GD	AF	L4A	BAS	SE AN	INER CHOR	OUTER ANCHOR
INCLUDED	16	1		7	7		1	FB2	2G A	.B3	AB4
	1/4EHS	142265	142	2261	BG2	144	BG	2146	BG2	147	5/8S
GUYS & CONNECTIONS	4700'	1275'	13	375'	36	6		6	6	6	3
INCLUDED	1/2THH	3/8THH	7/1	6THF	5/8	ТВЕ	&J	5/85	3 4	5GSF	20L82*
	6	36		6		24		3			1
ANCHORS & GROUNDING	GAC5655T	OP AG	<b>&lt;1</b> G	GX	BGK	3G	GX (	CPC1	/1.2	TBS	SAFETY
INCLUDED	6		2			3		6	5		6

<sup>\*</sup> Guy lug sections required for 3/8" guys.

#### 340' ROHN 45GSR All parts shown in table

are included when ordering Part No: 45GSR110R340



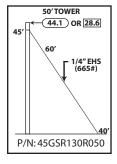


TOWER PARTS	45GSR20	45GSRSB	GA45GD	BASE A		R
INCLUDED	2	1	1	FB2G	AB2	
GUYS & CONNECTIONS	1/4EHS	BG2144	3/8THH	1/2TBE	E&J 7	BSAFETY
INCLUDED	150'	6	6	3		3
ANCHORS &	GAC3455TOP	AGK1GGX	BGK3GGX	CPC.5/	/ <mark>.75</mark>	
GROUNDING INCLUDED	3	1	3	3		



#### 40' ROHN 45GSR

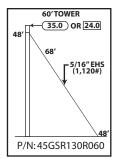
All parts shown in table are included when ordering Part No: 45GSR130R040



	4ECCD20	45GSR10	45GSRSB	GA45GD	FI	DNS
TOWER PARTS	45GSR20	45G5K10	40G0K0B	GA43GD	BASE	ANCHOR
INCLUDED	2	1	1	1	FB2G	AB2
GUYS & CONNECTIONS	1/4EHS	BG2144	3/8THH	1/2TBE&J	TBS	AFETY
INCLUDED	200'	6	6	3		3
ANCHORS & GROUNDING	GAC3455TOP	AGK1GGX	BGK3GGX	CPC.5/.75		
INCLUDED	3	1	3	3		

#### 50' ROHN 45GSR

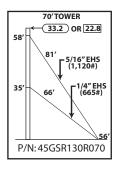
All parts shown in table are included when ordering Part No: 45GSR90R050



TOWER PARTS	45GSR20	45GSRSB	GA45GD	FDNS BASE ANCH	OR
INCLUDED	3	1	1	FB2G AB2	2
GUYS & CONNECTIONS	142265	BG2146	7/16THH	5/8TBE&J	TBSAFETY
INCLUDED	225'	6	6	3	3
	GAC3455TOP	AGK1GGX	BGK3GGX	CPC.5/.75	
GROUNDING INCLUDED	3	1	3	3	

#### 60' ROHN 45GSR

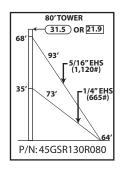
All parts shown in table are included when ordering Part No: 45GSR90R060



	45CCD00	45CCD40	4500D0D	GA45GD	FI	DNS
TOWER PARTS	45GSR20	45GSR10	45GSRSB	GA45GD	BASE	ANCHOR
INCLUDED	3	1	1	2	FB2G	AB2
	1/4EHS	142265	BG2144	BG2146	3/8	BTHH
GUYS & CONNECTIONS	225'	275'	6	6		6
INCLUDED	7/16THH	1/2TBE&J	5/8TBE&J	TBSAFETY		
	6	3	3	3		
ANCHORS & GROUNDING	GAC3455TOP	AGK1GGX	BGK3GGX	CPC.5/.75		
INCLUDED	3	1	3	3		

#### 70' ROHN 45GSR



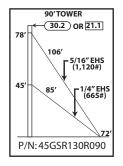


TOWER PARTS	45GSR20	45GSRSB	GA45GD	FI BASE	DNS ANCH	OR
INCLUDED	4	1	2	FB2G	AB2	2
	1/4EHS	142265	BG2144	BG2	146	3/8THH
GUYS & CONNECTIONS	250'	300'	6	6	6	6
INCLUDED	7/16THH	1/2TBE&J	5/8TBE&J	TBSAI	FETY	
	6	3	3	3	3	
ANCHORS & GROUNDING	GAC3455TOP	AGK1GGX	BGK3GGX	CPC.	5/.75	
INCLUDED	3	1	3	3		

45GSR SOLID ROD

#### **80' ROHN 45GSR**

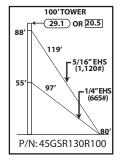
All parts shown in table are included when ordering Part No: 45GSR130R080



	45CCD20	45CCD40	4500000	CAAECD	FI	DNS
TOWER PARTS	45GSR20	45GSR10	45GSRSB	GA45GD	BASE	ANCHOR
INCLUDED	4	1	1	2	FB2G	AB2
	1/4EHS	142265	BG2144	BG2146	3/8	THH
GUYS & CONNECTIONS	275'	350'	6	6		6
INCLUDED	7/16THH	1/2TBE&J	5/8TBE&J	TBSAFETY		
	6	3	3	3		
ANCHORS & GROUNDING	GAC3455TOP	AGK1GGX	BGK3GGX	CPC.5/.75		
INCLUDED	3	1	3	3		

#### 90' ROHN 45GSR

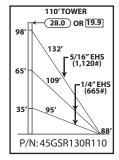
All parts shown in table are included when ordering Part No: 45GSR130R090



TOWER PARTS	45GSR20	45GSRSB	GA45GD	BASE	DNS ANCH	OR
INCLUDED	5	1	2	FB2G	AB2	2
	1/4EHS	142265	BG2144	BG2	146	3/8THH
GUYS & CONNECTIONS	325'	400'	6	6	6	6
INCLUDED	7/16THH	1/2TBE&J	5/8TBE&J	TBSA	FETY	
	6	3	3	3	3	
ANCHORS & GROUNDING	GAC3455TOP	AGK1GGX	BGK3GGX	CPC.	5/.75	
INCLUDED	3	1	3	3		

#### 100' ROHN 45GSR

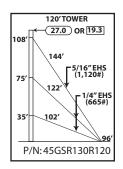
All parts shown in table are included when ordering Part No: 45GSR130R100



	45GSR20	45GSR10	45GSRSB	GA45GD	FI	DNS
TOWER PARTS	43031120	43031(10	43G3K3B	G/1400B	BASE	ANCHOR
INCLUDED	5	1	1	3	FB2G	AB3
	1/4EHS	142265	BG2144	BG2146		
GUYS & CONNECTIONS	650'	425'	12	6		
INCLUDED	3/8THH	7/16THH	5/8TBE&J	TBSAFETY		
	12	6	9	3		
ANCHORS & GROUNDING	GAC5655TOP	AGK1GGX	BGK3GGX	CPC1/1.25		
INCLUDED	3	1	3	3		

#### 110' ROHN 45GSR



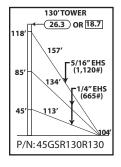


TOWER PARTS	45GSR20	45GSRSB	GA45GD		ONS ANCHO
				BASE	ANCHU
INCLUDED	6	1	3	FB2G	AB3
	1/4EHS	142265	BG2144	BG2	146
GUYS & CONNECTIONS	725'	475'	12	6	
INCLUDED	3/8THH	7/16THH	5/8TBE&J	TBSAF	ETY
	12	6	9	3	
ANCHORS & GROUNDING	GAC5655TOP	AGK1GGX	BGK3GGX	CPC1/1.25	
INCLUDED	3	1	3	3	



#### 120' ROHN 45GSR

All parts shown in table are included when ordering Part No: 45GSR130R120



**INCLUDED** 

						20.10
TOWER PARTS	45GSR20	45GSR10	45GSRSB	GA45GD	BASE	DNS ANCHOR
INCLUDED	6	1	1	3	FB2G	AB3
	1/4EHS	142265	BG2144	BG2146		
GUYS & CONNECTIONS	800'	500'	12	6		
INCLUDED	3/8THH	7/16THH	5/8TBE&J	TBSAFETY		
	12	6	9	3		
ANCHORS & GROUNDING	GAC5655TOP	AGK1GGX	BGK3GGX	CPC1/1.25		
GROUNDING						

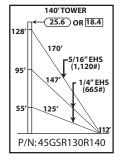
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3

#### 130' ROHN 45GSR

All parts shown in table are included when ordering Part No: 45GSR130R130

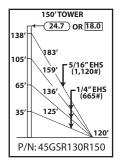


	45GSR20	45GSRSB	GA45GD		ONS
TOWER PARTS	10001120	10001102		BASE	ANCHO
INCLUDED	7 1 3 F		FB2G	AB3	
	1/4EHS	142265	BG2144	BG2	146
GUYS & CONNECTIONS	875'	550'	12	6	;
INCLUDED	3/8THH	7/16THH	5/8TBE&J	TBSAF	ETY
	12	6	9	3	
ANCHORS & GROUNDING	GAC5655TOP AGK1GGX BGK3GGX		BGK3GGX	CPC1/1.25	
INCLUDED	3	1	3	3	

3

### 140' ROHN 45GSR

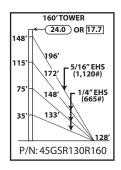
All parts shown in table are included when ordering Part No: 45GSR130R140



TOWER PAR	RTS	45GSR20	45GSR10	45GSRSB	GA45GD		ONS ANCHOR
INCLUDED	)	7	1	1	4	FB2G	AB4
		1/4EHS	142265	BG2144	BG2146		
GUYS &	GUYS & CONNECTIONS INCLUDED	1350'	600'	18	6		
		3/8THH	7/16THH	3/4TBE&J	TBSAFETY		
		18	6	12	3		
	ANCHORS & GROUNDING		AGK1GGX	BGK3GGX	CPC1.5/2		
	INCLUDED	3	1	3	3		

#### 150' ROHN 45GSR

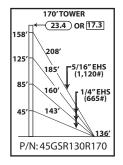




TOWER PARTS	45GSR20 45GSRSB		GA45GD	BASE A	<b>VS</b> NCHOR	
INCLUDED	8	8 1 4		FB2G	AB4	
	1/4EHS	142265	BG2144	BG2146		
GUYS & CONNECTIONS	1450'	625'	18	6		
INCLUDED	3/8THH 7/16THH 3/4TBE&J 1		TBSAFE	ETY		
	18	6	12	3		
ANCHORS & GROUNDING	GAC5755TOP	AGK1GGX	BGK3GGX	CPC1.	5/2	
INCLUDED	3	3 1 3		3		

#### 160' ROHN 45GSR

All parts shown in table are included when ordering Part No: 45GSR130R160



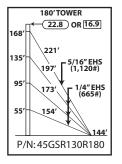
TOWER PARTS	45GSR20	45GSR10	45GSRSB	GA45GD		DNS
TOWER PARTS INCLUDED						ANC
INOLODED	8	1	1	4	FB2G	AB
	1/4EHS	142265	BG2144	BG2146		
GUYS & CONNECTIONS	1575'	675'	18	6		
INCLUDED	3/8THH	7/16THH	3/4TBE&J	TBSAFETY		
	18	6	12	3		
ANCHORS & GROUNDING	GAC5755TOP	AGK1GGX	BGK3GGX	CPC1.5/2		
INCLUDED	3	1	3	3		

#### 170' ROHN 45GSR

ANCHOR

AB4

All parts shown in table are included when ordering Part No: 45GSR130R170



	45GSR20	45GSRSB	GA45GD	FI	DNS	
TOWER PARTS	43G3R20	43G3K3B	GA43GD	BASE	ANCHO	)R
INCLUDED	9	1	4	FB2G	AB4	
	1/4EHS	142265	BG2144	BG2146		
GUYS & CONNECTIONS	1675'	725'	18	6	6	
INCLUDED	3/8THH	7/16THH	3/4TBE&J	TBSAF	ETY	
	18	6	12	3		
ANCHORS & GROUNDING	GAC5755TOP	AGK1GGX	BGK3GGX	CPC1.5/2		
INCLUDED	3	1 3		3		

#### 180' ROHN 45GSR

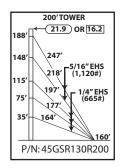
All parts shown in table are included when ordering Part No: 45GSR130R180

	190'TOWER
178′	22.3 OR 16.5
145	
105′	210' 5/16"EHS (1,120#)
65′	165′ T1/4″EHS (665#)
35'	156'
I _	152′
P.	/N: 45GSR130R190

TOWER PARTS	45GSR20	45GSR10	45GSRSB	45GSRSB GA45GD		DNS ANCHOR
INCLUDED	9	1	1	5	FB2G	AB4
	1/4EHS	142265	BG2144	BG2146		
GUYS & CONNECTIONS	2300'	750'	24	6		
INCLUDED	3/8THH	7/16THH	3/4TBE&J	TBSAFETY		
	24	6	15	3		
ANCHORS & GROUNDING	GAC5755TOP	AGK1GGX	BGK3GGX	CPC1.5/2		
INCLUDED	3	1	3	3		

#### 190' ROHN 45GSR



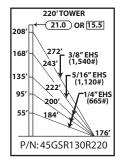


TOWER PARTS	45GSR20 45GSRSB (		GA45GD		APL4A	FDNS BASE ANCH		OR	
INCLUDED	10		1		5	1	FB2G	AB4	
	1/4EHS		14220	35	BG	2144	BG2	146	
GUYS & CONNECTIONS	1725'		1500'			18	1:	2	
INCLUDED	3/8THH	7	7/16TI	Н	3/47	BE&J	TBSAF	ETY	
	18		12			15	3	,	
ANCHORS & GROUNDING	GAC5755TC	OP A	GK10	GX	BGł	(3GGX	CPC <sup>2</sup>	1.5/2	
INCLUDED	3		1		3		3		



#### **200' ROHN 45GSR**

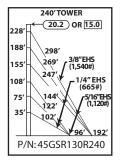
All parts shown in table are included when ordering Part No: 45GSR130R200



TOWER PARTS	45GSR20	45GSRSB	GA4	I5GD	APL4A		ONS ANCH	OR	
INCLUDED	10	1		4	1	FB2G	AB4	4	
	1/4EHS	1422	65	14	2261	BG2	144	450	SR20L82*
	1950'	775	,	8	375'	1	8		1
GUYS & CONNECTIONS	BG2146	2146 BG214		7/1	6THH	1/2T	HH		
INCLUDED	6	6			6	6	;		
	3/8THH	5/85	5/8S		ГВЕ&Ј	TBSAI	FETY		
	18	3			15	3	3		
ANCHORS & GROUNDING	GAC5755TC	P AGK10	GX	BGŁ	K3GGX	CPC <sup>2</sup>	1.5/2		
INCLUDED	3	1			3	3			

#### 220' ROHN 45GSR

All parts shown in table are included when ordering Part No: 45GSR130R220

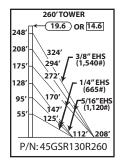


TOWER PARTS	45GSR20	15GSRSB	GA4	5GD	APL4A	BASE	INNE ANCH	ER IOR	OUTER ANCHOR
INCLUDED	11	1		5	1	FB2G	AB	3	AB4
	1/4EHS	1422	65	142261		BG2	144	45GSR20L8	
	1500'	1325	5'	9	950'	1	8		1
GUYS & CONNECTIONS	BG2146	BG21	47	7/16THH		1/2THH			
INCLUDED	12	6			12	6	;		
	3/8THH	5/85	5/8S		ГВЕ&Ј	TBSAI	FETY		
	18	3			18	6	5		
ANCHORS & GROUNDING	GAC5655TC	P AGK10	GX	BGł	K3GGX	CPC1	/1.25		
INCLUDED	6	2			3	6			

<sup>\*</sup> Guy lug section required for 3/8" guys.

#### 240' ROHN 45GSR



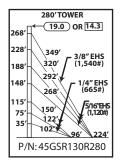


TOWER PARTS	45GSR20	45GSRSB	GSRSB GA4		APL4A	BASE	BASE INNE		OUTER ANCHOR
INCLUDED	12	1	1 5		1	FB2G	AB	3	AB4
	1/4EHS	1422	142265		142261		BG2144		SSR20L82
	1750'	1500	o'	1050'		1	8		1
GUYS & CONNECTIONS	BG2146	BG21	47	7/1	6ТНН	1/2T	НН		
INCLUDED	12	6			12	6	6		
	3/8THH	5/85	3	5/87	ГВЕ&Ј	BE&J TBSAFETY			
	18	3			18	6	6		
ANCHORS & GROUNDING	GAC5655TC	P AGK10	GX	BGł	(3GGX	CPC1	/1.25		
INCLUDED	6	2			3	6			



#### **260' ROHN 45GSR**

All parts shown in table are included when ordering Part No: 45GSR130R260



TOWER PARTS	45GSR20	45GSRSB	GA45GD		APL4A	BASE	INNE ANCH	R IOR	OUTER ANCHOR
INCLUDED	13	1	6		1	FB2G	AB:	3	AB5
	1/4EHS	14220	65	142261		BG2144		45GSR20L82*	
GUYS & CONNECTIONS INCLUDED	1200'	2800	)'	1125'		18		1	
	BG2146	BG21	47	7/16THH		1/2THH			
	18	6		18		6			
	3/8THH	5/85	5/8S		3/4TBE&J		TBSAFETY		
	18	3			21	6			
ANCHORS & GROUNDING	GAC5755TC	P AGK10	GX	BGK3GGX		CPC1.5/2			
INCLUDED	6	2		3		6			

#### 280' ROHN 45GSR

All parts shown in table are included when ordering Part No: 45GSR130R280

300'TOWER								
288′	18.4 OR 14.0							
248′	375' - 3/8" EHS							
208′	345' (1,540#)							
168′	318' / 1/4" EHS (665#)							
135′	////							
95′	175' 5/16'EHS (1,120#)							
55′	125′ 112′ 240′							
P/	N:45GSR130R300							

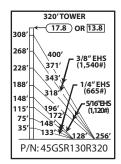
TOWER PARTS	45GSR20	45GSRSB	GSRSB GA4		5GD APL4A		INNE ANCH	R OUTER OR ANCHOR	
INCLUDED	14	1	1 (		6 1		AB3		AB5
	1/4EHS	1422	65	142261		BG2144		45G	SR20L82
	1425'	3050	)'	1200'		18			1
GUYS & CONNECTIONS	BG2146	BG21	BG2147		7/16THH		1/2THH		
INCLUDED	18	6	6		18		6		
	3/8THH	5/85	5/8S		3/4TBE&J		TBSAFETY		
	18	3			21	6	6		
ANCHORS & GROUNDING	GAC5755TC	P AGK10	GX	BGK3GGX		CPC1.5/2			
INCLUDED	6	2		3		6			

# 300' ROHN 45GSR

All parts shown in table are included when ordering Part No: 45GSR130R300

\* Guy lug section required for 3/8" guys.



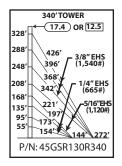


TOWER PARTS	45GSR20	45GSRSB	GA45GD		APL4A	BASE INNE		R OR	OUTER ANCHOR
INCLUDED	14	1	6		1	FB3G	AB	3	AB5
	1/4EHS	1422	65	142261		BG2144		45GSR20L82*	
GUYS & CONNECTIONS INCLUDED	1450'	2750	o'	2475'		18		2	
	BG2146	BG21	47	7/16THH		1/2THH			
	18	12		18		12			
	3/8THH	5/85	3	3/4TBE&J		TBSAFETY			
	18	6		24		6			
ANCHORS & GROUNDING	GAC5755TC	P AGK10	GX	BGK3GGX		CPC1.5/2			
INCLUDED	6	2		3		6			



#### **320' ROHN 45GSR**

All parts shown in table are included when ordering Part No: 45GSR130R320



TOWER PARTS	45GSR20	45GSRSB	SRSB GA4		ISGD APL4A		INNE ANCH	R OR	OUTER ANCHO	
INCLUDED	14	1	Ę	5 1		FB3G	AB4	4	AB5	
	1/4EHS	1422	142265		142261		BG2144		SSR20L82	
	1675'	1800	1800'		3800'		18		3	
GUYS & CONNECTIONS	BG2146	BG21	47	7/16THH		1/2THH				
INCLUDED	12	18		12		18				
	3/8THH	5/88	5/8S		3/4TBE&J		TBSAFETY			
	18	9	2		24	6				
ANCHORS & GROUNDING	GAC5755TC	P AGK10	GX	BGł	K3GGX	CPC <sup>2</sup>	1.5/2	2		
INCLUDED	6	2			3	6				

<sup>\*</sup> Guy lug section required for 3/8" guys.

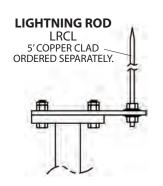
#### **340' ROHN 45GSR**





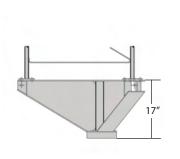
#### LEG MOUNTED BEACON PLATE KIT APL4A

FOR MOUNTING BEACON OR LIGHTNING ROD. BOLTS TO TOP OF STANDARD SECTION. INCLUDES BEACON PLATE, (2) CAP PLATES, NUTS AND BOLTS.



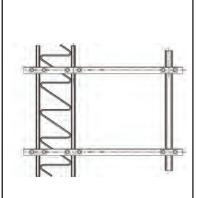
#### LIGHTNING ROD PLATE KIT

VW132 INCLUDES: LIGHTNING ROD PLATE, NUTS AND BOLTS.



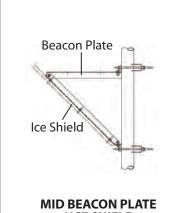
# **TAPERED BASE** 45GSRTBPP\*

FOR USE WITH PIER PIN (3/4X12PP) AND BEARING PLATE (BP6) SOLD SEPARATELY.



#### **3' SIDE ARM WITH (2) TIE BACKS** KY1653A

MOUNTING TUBE PROVIDED IS 3' LONG, 2 - 3/8" O.D.



MID BEACON PLATE / ICE SHIELD APL1258UM



**4.3' SHORT BASE**45GSRSB
FOR EMBEDMENT IN CONCRETE.

#### Refer to pages 63-65 for the following accessories that also fit the 45GSR tower:

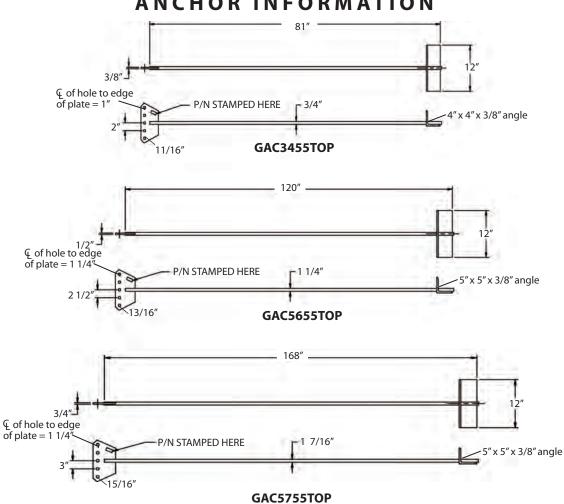
- Pier Pin (3/4x12PP)
- Side Arm Bracket (SA253UA)
- Dish Mount (VY4311A2 & VY4311A)
- Face Mount (DM45G2 & DM454)
- Universal House Bracket (HBUTVRO)
- Torque Bar (TB45D)
- Guy Bracket (GA45GD)

- Anti-Climb Panels (VW913A)
- Work Platform (WP45G)
- Safety Ring (SR245)
- Climbing Harness (TTFBH-4D & TTFBH-C/P)
- Safety Cable Slider (TT-WG-500-W/SMC)
- Safety Cable System (See page 65 for P/N)

\* TOWERS MOUNTED ON THESE BASES MUST BE BRACKETED OR GUYED AT ALL TIMES. TEMPORARY STEEL GUYING MAY ALSO BE NECESSARY DURING INSTALLATION AND DISMANTLING.

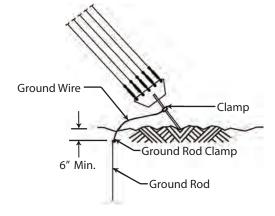


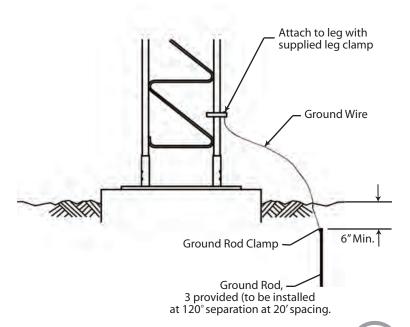
# **ANCHOR INFORMATION**





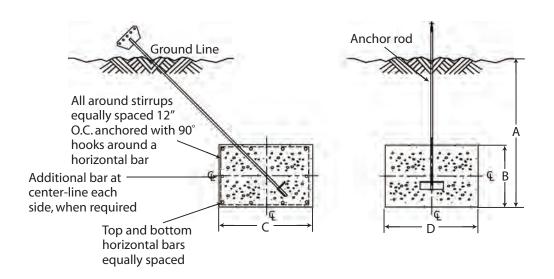






# G

# STANDARD ANCHOR BLOCKS

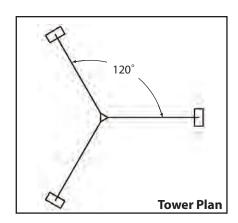


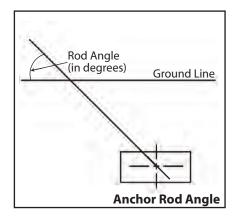
# Refer to pages 95-96 for anchor rod installation angles.

Block Anchor Dimensions (in.)					<b>Horizontal Bars</b>	Stirrup Size & Spacing	Concrete Vol.		
DIOCK	Α	В	C	D	(Qty. & Size)	& Spacing	Concrete Vol. (Cu. Yds.)		
AB2	4'-0"	1' - 6"	4' - 0"	6' - 0"	(5) #6 Bars, Top Layer (5) #6 Bars, Bottom Layer (0) Additional Bar, Each Side	(5) #6 Bars, Bottom Layer #3 @ 12" O.C.			
AB3	6'-0"	1'-6"	3'-0"	6' - 0"	(4) #6 Bars, Top Layer (4) #6 Bars, Bottom Layer (0) Additional Bar, Each Side	#3 @ 12" O.C.	1.0 Per Block 3.0 Total for 3		
AB4	6' - 0"	1'-6"	4' - 0"	9'-0"	(5) #6 Bars, Top Layer (5) #6 Bars, Bottom Layer (0) Additional Bar, Each Side	#4 @ 12" O.C.	2.0 Per Block 6.0 Total for 3		
AB5	8'-0"	2'-0"	3'-0"	10'-0"	(4) #7 Bars, Top Layer (4) #7 Bars, Bottom Layer #4 @ 12" O.C. 2.		$(4)$ #7 Bars Bottom Layer $44 @ 12'' \cap C = 2.22 P$		2.22 Per Block 6.7 Total for 3
AB6	8'-0"	2'-0"	4'-0"	10'-0"	(5) #7 Bars, Top Layer (5) #7 Bars, Bottom Layer (1) Additional Bar, Each Side	#4 @ 12" O.C.	2.96 Per Block 8.9 Total for 3		

# G

# ANCHOR ROD INSTALLATION ANGLES





	45GSR   90MPH										
Tower Height	Inner Rod Number	Inner Rod Angle	Outer Rod Number	Outer Rod Angle							
40′	GAC3455TOP	48	-	-							
50′	GAC3455TOP	49	-	-							
60′	GAC3455TOP	49	-	-							
70′	GAC3455TOP	44	-	-							
80′	GAC3455TOP	43	-	-							
90′	GAC3455TOP	44	-	-							
100′	GAC3455TOP	44	-	-							
110′	GAC3455TOP	42	-	-							
120′	GAC3455TOP	42	-	-							
130′	GAC3455TOP	42	-	-							
140′	GAC3455TOP	42	-	-							
150′	GAC3455TOP	40	-	-							
160′	GAC3455TOP	40	-	-							
170′	GAC5655TOP	40	-	-							
180′	GAC5655TOP	41	-	-							
190′	GAC5655TOP	40	-	-							
200′	GAC5655TOP	40	-	-							
220′	GAC5655TOP	40	-	-							
240′	GAC3455TOP	38	GAC3455TOP	46							
260′	GAC3455TOP	40	GAC3455TOP	46							
280′	GAC3455TOP	38	GAC5655TOP	44							
300′	GAC3455TOP	40	GAC5655TOP	44							
320′	GAC3455TOP	37	GAC5655TOP	45							
340′	GAC3455TOP	38	GAC5655TOP	45							

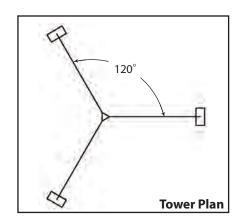
	45GSI	R   110	OMPH	
Tower Height	Inner Rod Number	Inner Rod Angle	Outer Rod Number	Outer Rod Angle
40′	GAC3455TOP	48	-	-
50′	GAC3455TOP	49	-	-
60′	GAC3455TOP	49	-	-
70′	GAC3455TOP	43	-	-
80′	GAC3455TOP	42	-	-
90'	GAC3455TOP	43	-	-
100′	GAC3455TOP	44	-	-
110′	GAC3455TOP	41	-	-
120′	GAC3455TOP	41	-	-
130′	GAC3455TOP	41	-	-
140′	GAC3455TOP	42	-	-
150′	GAC5655TOP	40	-	-
160′	GAC5655TOP	40	-	-
170′	GAC5655TOP	40	-	-
180′	GAC5655TOP	40	-	-
190′	GAC5655TOP	40	-	-
200′	GAC5655TOP	40	-	-
220′	GAC5655TOP	40	-	-
240′	GAC3455TOP	39	GAC5655TOP	45
260′	GAC3455TOP	40	GAC5655TOP	45
280′	GAC3455TOP	39	GAC5655TOP	43
300′	GAC3455TOP	40	GAC5655TOP	44
320′	GAC5655TOP	40	GAC5655TOP	44
340′	GAC5655TOP	40	GAC5655TOP	44

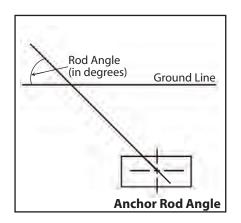
See the following page for 45GSR  $\mid$  130mph anchor rod slopes.





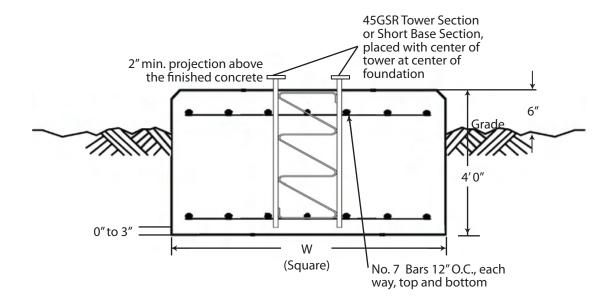
# ANCHOR ROD INSTALLATION ANGLES





	45GSI	R   130	OMPH	
Tower Height	Inner Rod Number	Inner Rod Angle	Outer Rod Number	Outer Rod Angle
40′	GAC3455TOP	48	-	_
50′	GAC3455TOP	48	-	_
60′	GAC3455TOP	45	-	-
70′	GAC3455TOP	42	-	-
80′	GAC3455TOP	42	-	-
90'	GAC3455TOP	43	-	_
100′	GAC3455TOP	43	-	-
110′	GAC5655TOP	40	-	-
120′	GAC5655TOP	40	-	-
130′	GAC5655TOP	41	-	-
140′	GAC5655TOP	41	-	-
150′	GAC5755TOP	39	-	-
160′	GAC5755TOP	38	-	-
170′	GAC5755TOP	39	-	_
180′	GAC5755TOP	39	-	-
190′	GAC5755TOP	37	-	-
200′	GAC5755TOP	38	-	-
220′	GAC5755TOP	38	-	-
240′	GAC5655TOP	40	GAC5655TOP	45
260′	GAC5655TOP	41	GAC5655TOP	45
280′	GAC5755TOP	38	GAC5755TOP	42
300′	GAC5755TOP	39	GAC5755TOP	43
320′	GAC5755TOP	37	GAC5655TOP	43
340′	GAC5755TOP	38	GAC5655TOP	43

# **STANDARD MAT FOUNDATION** FOR 45GSR TOWERS



Base	Mat Width (W)	Concrete Vol. (Cu. Yds.)
FB1G	4' - 6"	3.0
FB2G	5'-3"	4.1
FB3G	6'-3"	5.8

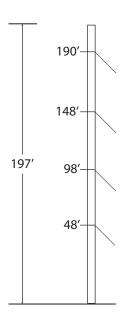


## STANDARD METEOROLOGICAL TOWERS

#### **Complete Kit Includes:**

- Assembly and foundation drawings
- All necessary tower sections
- Tower short base
- All guy wire and connectors
- All guy anchors
- Base and anchor grounding kits

# 60 m



#### 60MMET

4 Guy Elevations 1 Fixed Base Foundation 1 Anchor Radius

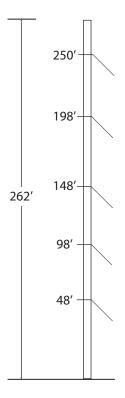
Boom		EPA/WT.
Height	(no ice)	(3/4" radial ice)
		25.00 sq.ft./600 lbs.
		25.00 sq. ft. / 600 lbs.
60 m	9.00 sq. ft. / 200 lbs.	25.00 sq. ft. / 600 lbs.

ANSI/TIA-222-G

110 MPH - 3 Second Gust (No Ice) 50 MPH - 3 Second Gust (3/4" Radial Ice) Structure Class II Exposure Category C

Topographic Category I

80 m



#### **80MMET**

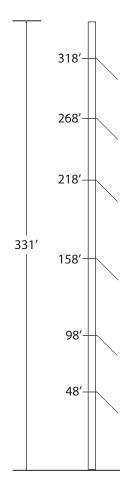
5 Guy Elevations 1 Fixed Base Foundation 1 Anchor Radius

Boom		EPA/WT.
Height	(no ice)	(3/4" radial ice)
60 m	9.00 sq. ft. / 200 lbs.	25.00 sq.ft. / 600 lbs.
70 m	9.00 sq. ft. / 200 lbs.	25.00 sq. ft. / 600 lbs.
80 m	9.00 sq. ft. / 200 lbs.	25.00 sq. ft. / 600 lbs.

ANSI/TIA-222-G

110 MPH - 3 Second Gust (No Ice)
50 MPH - 3 Second Gust (3/4" Radial Ice)
Structure Class II
Exposure Category C
Topographic Category I

100 m



#### **100MMET**

6 Guy Elevations 1 Fixed Base Foundation 2 Anchor Radii

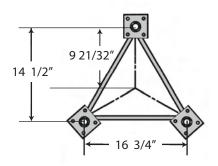
Boom	EPA/WT.	EPA/WT.
Height		(3/4" radial ice)
50 m	9.00 sq. ft. / 200 lbs.	25.00 sq. ft. / 600 lbs.
75 m	9.00 sq. ft. / 200 lbs.	25.00 sq. ft. / 600 lbs.
100 m	9.00 sq. ft. / 200 lbs.	25.00 sq. ft. / 600 lbs.

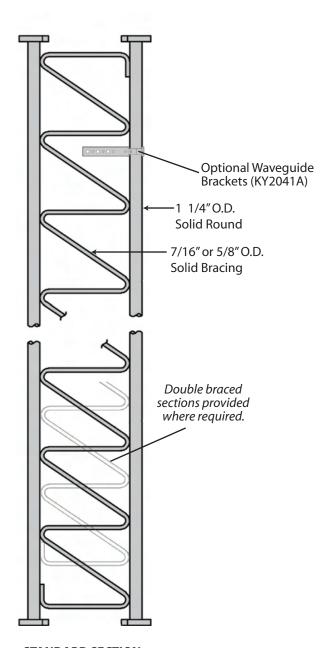
ANSI/TIA-222-G 110 MPH - 3 Second Gust (No Ice) 50 MPH - 3 Second Gust (3/4" Radial Ice) Structure Class II Exposure Category C Topographic Category I



Tower design assumes (1) elevator track over height of structure.

# STANDARD 45GSR METEOROLOGICAL TOWER

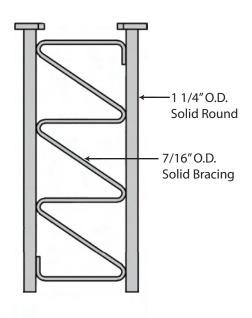




Tower Height (m)	Guy Radius (ft.) 120° separation	Base Foundation No.	Anchor Foundation No.
60	156	FB2G	AB4
80	210	FB3G	AB5
100	106 / 264	FB3G	AB2 / AB6

Refer to page 288 for anchor rod details.

FOR FOUNDATION INFORMATION, PLEASE SEE PAGES 94 & 97. FOR GENERAL INSTALLATION INFORMATION, PLEASE SEE PAGES 147-153.



**4.3' 45GSR SHORT BASE** 45GSRSB

TO BE EMBEDDED IN CONCRETE.

**STANDARD SECTION 45GSR10** - 10' Section **45GSR20** - 20' Section

# STANDARD 55G GUYED TOWER









The 55G lends itself to a wide variety of uses, particularly where unusual wind loading and height requirements exist. The 55G was designed to provide excellent strength in heights up to 400'.

#### **FEATURES**

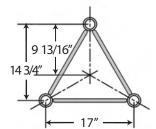
- Completely hot-dip galvanized after fabrication
- Built on a 17" equilateral triangle design
- High strength tubular legs joined by Zig-Zag<sup>®</sup> cross members
- Each section contains all required nuts and bolts shipped with section
- Continuous solid round steel bracing

#### **CAUTION**

Mixing copies of ROHN towers with ROHN towers is dangerous and voids all engineering and warranty data supplied by ROHN. Materials used by others are not the same quality and have not been tested or engineered by ROHN. Mixing ROHN tower sections with non-ROHN products may cause tower failure or injury.

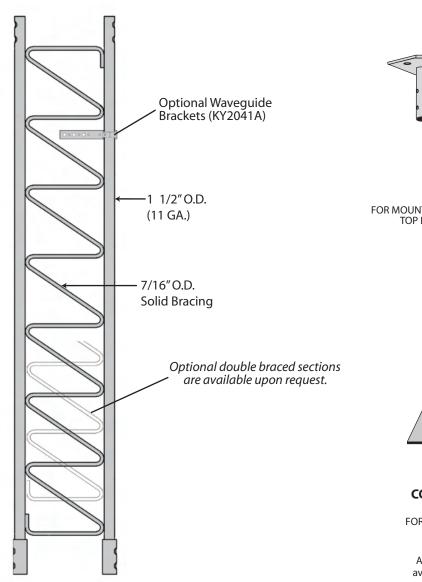
Per Rev G requirements, any structure greater than 10' requires a climber safety device. Please see page 116 for ordering information.

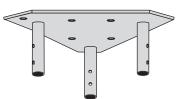
# STANDARD 55G GUYED TOWER SECTIONS



# **QUICK REFERENCE**

PARTS & ACCESSORIES PAGES 115-116
GROUNDING INFORMATION PAGES 117-120

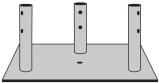




### TOP PLATE

APL55G

FOR MOUNTING BEACON OR LIGHTNING ROD.
TOP PLATE BOLTS TO THE TOP OF
A STANDARD SECTION.



#### **CONCRETE BASE PLATE**

BPC55G\*

FOR USE WITH 3/4X12PP PIER PIN EMBEDDED IN CONCRETE.

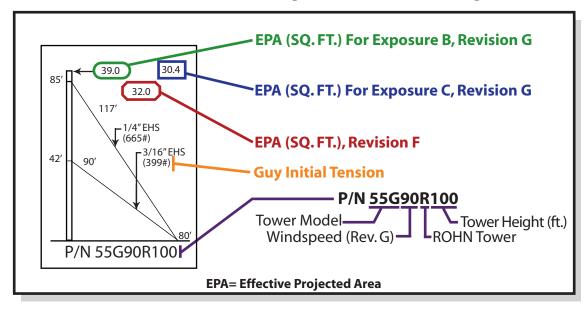
Additional base sections are available, please see page 115.

**STANDARD SECTION 55G** - 10' Section

<sup>\*</sup> Towers mounted on these bases must be bracketed or guyed at all times. Temporary steel guying may also be necessary during installation and dismantling.

# BUYERS GUIDE STANDARD DESIGNS - 55G 90MPH REV. G [3 SECOND GUST] 70MPH REV. F [FASTEST MILE]

**Design Criteria** 



This document is to serve as a guide for sizing and purchasing the 55G tower. Tower and foundation installations should be performed by qualified and experienced personnel using assembly drawings provided with each tower.

#### **DESIGN NOTES:**

- 1. Tower designs are in accordance with ANSI/TIA-222-F and ANSI/TIA-222-G, Class I Structures, Topographic Category 1.
- 2. Design assumes towers are installed on level ground. Lower EPA values will apply for roof mounted towers or for sites located on unusual terrain.
- 3. Designs assume two 1/2" diameter lines on each tower face.
- 4. Anchor radius is from tower base to intersection of anchor rod with ground.
- 5. Guy chord lengths shown are based on level ground. Initial tensions for guys are shown in ( ) in pounds at 60° Fahrenheit.
- 6. Antenna and mounts are assumed symmetrically placed at the tower top.

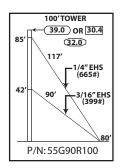
#### **PARTS LIST NOTES:**

- 1. Items listed are required for complete guyed towers.
- 2. Base and anchor foundations listed refer to standard foundation designations.
- 3. Guys provided with each standard tower are based on level ground conditions with an additional 6% length.
- 4. Rev G anchor grounding (AGK1GGX) and base grounding (BGK2GGX) are included with the tower material.
- $5. \, Assembly \, drawings \, and \, a \, safety \, package \, (P/N: ACWS) \, are \, included \, with \, each \, tower.$
- 6. Parts lists are subject to change based on availability or revised design criteria.

FOR FOUNDATION INFORMATION, PLEASE SEE PAGES 117-120. FOR GENERAL INSTALLATION INFORMATION, PLEASE SEE PAGES 147-153.

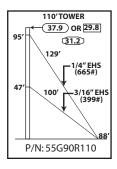






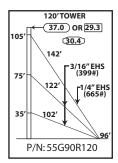
TOWER PARTS	55G	55G BPC55G		APL55G		GA55GD		FDNS BASE ANCHOR		2	
INCLUDED	10		1		1	2		CB1G	AB2		
GUYS & CONNECTIONS	3/16EHS	1/4EHS	BG214	2 B	G2144	5/16THH	3/8	тнн	1/2TBE	&J	
INCLUDED	300'	375'	6		6	6		6	6		
	GAC3455T0	OP AGK	1GGX	BGł	<2GGX	CPC.5/	.75	TBS	AFETY	3/4	x12PP
GROUNDING INCLUDED	3		1		3	3			3		1

100' ROHN 55G
All parts shown in
table are included
when ordering
Part No: 55G90R100



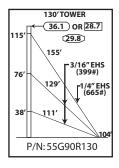
TOWER PARTS	55G	BP	C55G	APL55G	GA55G		-DNS ANCHOI		
INCLUDED	11		1	1	2	CB10	AB2		
GUYS & CONNECTIONS	3/16EHS	1/4EHS	BG214	BG2144	5/16THH	3/8THF	1/2TB	E&J	
INCLUDED	325'	425'	6	6	6	6	6		
	GAC3455T	OP AGK	1GGX	BGK2GG>	CPC.5/.	75 TBS	SAFETY	3/4x12l	PP
GROUNDING INCLUDED	3		1	3	3		3	1	

# 110' ROHN 55G All parts shown in table are included when ordering Part No: 55G90R110



TOWER PARTS INCLUDED	55G	BP	BPC55G		APL55G	GA55G	D		DNS ANCHOR	₹	
	12		1		1	3		CB1G	AB2		
GUYS & CONNECTIONS	3/16EHS	1/4EHS	BG214	12	BG2144	5/16THH	3/8	зтнн	1/2TBE	&J	
INCLUDED	725'	475'	12		6	12		6	9		
	GAC3455T	OP AGK	(1GGX	В	GK2GGX	CPC.5/.	75	TBS	AFETY	3/4	x12PP
GROUNDING INCLUDED	3		1		3	3			3		1

# 120' ROHN 55G All parts shown in table are included when ordering Part No: 55G90R120



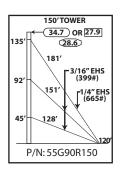
										_	
TOWER PARTS	55G	BP	C55G	,	APL55G	GA55G	D		ONS ANCHOR	R	
INCLUDED	13		1		1	3		CB1G	AB2		
GUYS & CONNECTIONS	3/16EHS	1/4EHS	BG214	12	BG2144	5/16THH	3/8	THH	1/2TBE	&J	
INCLUDED	775'	500'	12		6	12		6	9		
	GAC3455T0	OP AG	(1GGX	В	GK2GGX	CPC.5/.	75	TBS	AFETY	3/4>	<12PP
GROUNDING INCLUDED	3		1	3		3		3			1

130' ROHN 55G
All parts shown in
table are included
when ordering
Part No: 55G90R130

1	140'TOWER
125	35.4 OR 28.3
125	29.0
	168′
83'	☐ 3/16″ EHS (399#)
°°	
	139' <sub>(665#)</sub>
	(603#)
41′	119'
	<u> </u>
	112′
1 6	P/N:55G90R140
L '	/11.5505011140

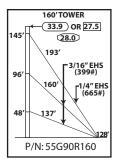
TOWER PARTS	55G	BPO	C55G	APL55G	GA55GI	)	DNS ANCHOR	R
INCLUDED	14		1	1	3	CB1G	AB2	
GUYS & CONNECTIONS	3/16EHS	1/4EHS	BG214	2 BG2144	5/16THH	3/8THH	1/2TBE	:&J
INCLUDED	825'	550'	12	6	12	6	9	
	GAC3455T0	OP AGK	1GGX	BGK2GGX	CPC.5/.	75 TBS	AFETY	3/4x12PP
GROUNDING INCLUDED	3		1	3	3		3	1

140' ROHN 55G All parts shown in table are included when ordering Part No: 55G90R140

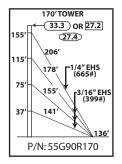


TOWER PARTS	55G	BPG	C55G	APL55G	GA55G	D		ONS ANCHOF	2	1	50' ROHN 55G
INCLUDED	15		1	1	3	(	CB2G	AB2			all parts shown in
GUYS & CONNECTIONS	3/16EHS 1	/4EHS	BG214	2 BG2144	5/16THH	3/8	BTHH	1/2TBE	&J		when ordering
INCLUDED	900'	600'	12	6	12		6	9		Ρ σ	111 NO: 33G90K130
	GAC3455TO	AGK	1GGX	BGK2GGX	CPC.5/.	75	TBS	AFETY	3/4	1x12PP	
GROUNDING INCLUDED	3		1	3	3			3		1	

# 60' ROHN 55G All parts shown in able are included when ordering

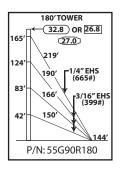


TOWER PARTS	55G	BP	C55G	APL55G	GA55G	D		ONS ANCHOF	2	1	160' ROHN 55G
INCLUDED	16		1	1	3 CE		CB2G	AB2			All parts shown in
GUYS & CONNECTIONS	3/16EHS 1	/4EHS	BG214	2 BG2144	5/16THH	3/8	зтнн	1/2TBE	&J		when ordering
INCLUDED	950'	625'	12	6	12		6	9		۲	Part No: 55G90R160
	GAC3455TO	PAGK	1GGX	BGK2GGX	CPC.5/.	75	TBS	AFETY	3/4	x12PP	
GROUNDING INCLUDED	3		1	3	3	3		3		1	



TOWER PARTS	55G	BP	BPC55G		APL55G	GA55GI	D	FDNS BASE ANCHO		2	
INCLUDED	17		1	1		4		CB2G	AB2		<b>17</b> Al
GUYS & CONNECTIONS	3/16EHS	1/4EHS	BG214	12	BG2144	5/16THH	3/8	тнн	1/2TBE	&J	tal '
INCLUDED	1525'	675'	18		6	18		6	12		Par
ANCHORS &	GAC3455TC	DP AGK	(1GGX	В	GK2GGX	CPC.5/.	75	TBS	AFETY	3/4	x12PP
GROUNDING INCLUDED	3		1		3	3			3		1

### 0' ROHN 55G parts shown in le are included when ordering t No: 55G90R170

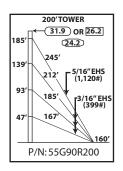


TOWER PARTS	55G	BP	C55G	APL55G	GA55G	D BA		DNS ANCHOR		
INCLUDED	18		1	1	1 4		32G	AB2		BO'ROHN 55G I parts shown in
GUYS & CONNECTIONS	3/16EHS 1	/4EHS	BG214	2 BG2144	5/16THH	3/8TH	НН	1/2TBE	&.J	ble are included when ordering
INCLUDED	1625'	700'	18	6	18	6	;	12	Pa	rt No: 55G90R180
ANCHORS &	GAC3455TC	PAGK	1GGX	BGK2GGX	CPC.5/.	75 TE	BSA	AFETY	3/4x12PP	
GROUNDING INCLUDED	3		1	3	3		3		1	

175′	190'TOWER  (32.4) OR 26.5  (26.6)
131′	232' 201'
43′	175' -3/16" EHS (399#)
	152' P/N:55G90R190

TOWER PARTS	55G	ВР	C55G	APL55G	GA550	3D		DNS ANCHOF	R	10	0' ROHN 55G
INCLUDED	19		1	1	4		CB2G	AB3		Al	parts shown in ple are included
GUYS & CONNECTIONS	3/16EHS	42265	BG2142	BG2146	5/16THH	7/1	6THH	5/8TBI	E&J	١.	when ordering
INCLUDED	1700'	750'	18	6	18		6	12		Par	t No: 55G90R190
ANCHORS & GROUNDING	GAC5655TC	P AG	(1GGX	BGK2GG	X CPC1/	1.25	TBSA	FETY	3/4	x12PP	
INCLUDED	3		1	3	3	3		3		1	





TOWER PARTS	55G		BPC55G			APL55G		GA55G	D		DNS ANCHOF	2	
INCLUDED	20		1			1		4		CB2G	CB2G AB3		
GUYS & CONNECTIONS	3/16EHS	14	2265	BG214	2	BG2146	5/	/16THH	7/1	6THH	5/8TBE	E&J	
INCLUDED	1800'	8	00'	18		6		18		6	12		
ANCHORS &	GAC5655T0	ЭP	AGK	1GGX	Е	3GK2GG	<	CPC1/1	.25	TBSA	AFETY	3/4	x12PP
GROUNDING INCLUDED	3			1		3		3			3		1

### 200' ROHN 55G

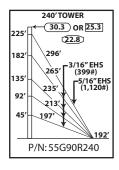
All parts shown in table are included when ordering Part No: 55G90R200

205′ - 164′ - 123′ - 82′ - 41′ -	220'TOWER  31.1 OR 25.7  23.4  270'  241', 3/16"EHS (399#)  215', 5/16"EHS (1,120#)
41′	181'
F	P/N:55G90R220

TOWER PARTS	55G	BPC	C55G	,	APL55G	GA55G	D		DNS ANCHOI	3	
INCLUDED	22		1		1	5		CB2G	AB3		
GUYS & CONNECTIONS	3/16EHS	142265	BG214	42	BG2146	5/16THH	7/1	6THH	3/4TBI	Ē&J	
INCLUDED	2650'	875'	24		6	24		6	15		
ANCHORS &	GAC5755TC	DP AGK	1GGX	В	GK2GGX	CPC1.5	5/2	TBSA	AFETY	3/4	x12PP
GROUNDING INCLUDED	3		1		3	3			3		1

#### 220' ROHN 55G

All parts shown in table are included when ordering Part No: 55G90R220



TOWER PARTS	55G	ВІ	PC55G		APL55G	GA55G	D		DNS ANCHO	R	
INCLUDED	24		1		1	5		CB3G	AB3		
GUYS & CONNECTIONS	3/16EHS	14226	5 BG214	12	BG2146	5/16THH	7/1	6ТНН	3/4TBI	E&J	
INCLUDED	2900'	950'	24		6	24		6	15		
	GAC5755TC	OP AG	K1GGX	В	GK2GGX	CPC1.5	5/2	TBSA	FETY	3/4x	12PP
GROUNDING INCLUDED	3		1		3	3			3		1

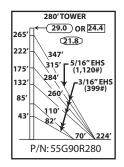
#### 240' ROHN 55G

All parts shown in table are included when ordering Part No: 55G90R240

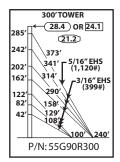
	260'TOWER
245′	29.6 OR 24.8 22.2
202′	321' 290' F 5/16" EHS
162′	(1,120#)
122′	241' \ \( \) (399#)
82'	104
42′	77'
l ⊥	64' 208'
I	P/N: 55G90R260

TOWER PARTS	55G	BPC55G	APL55G	GA55GD	BASE	INNER ANCHOR	OUTER ANCHOR	
INCLUDED	26	1	1	6	CB3G	AB2	AB3	
	3/16EHS	142265	BG2142	BG2146	5/1	6THH		260' ROHN 55G
GUYS & CONNECTIONS	3125'	1025'	30	6		30		All parts shown in table are included
INCLUDED	7/16THH	1/2TBE&J	5/8TBE&J	CPC.5/.75	CPC	C1/1.25		when ordering Part No: 55G90R260
	6	6	12	3		3	'	
ANCHORS & GROUNDING	GAC3455TOP	GAC5655TOP	AGK1GGX	BGK2GGX	TBS	AFETY	3/4x12P	P
INCLUDED	3	3	2	3		6	1	

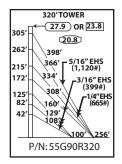




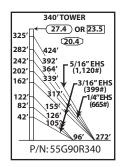
TOWER PARTS	55G	BPC55G	APL55G	GA55GD	BASE	INNER ANCHOR	OUTER ANCHOR	
INCLUDED	28	1	1	6	CB4G	AB2	AB3	
	3/16EHS	142265	BG2142	BG2146	5/16	STHH	_	280' ROHN 55G
GUYS & CONNECTIONS	3350	1125'	30	6	3	80	All part table ar when	All parts shown in table are included
INCLUDED	7/16THH	1/2TBE&J	5/8TBE&J	CPC.5/.75	CPC	1/1.25	F	when ordering Part No: 55G90R280
	6	6	12	3		3		_
ANCHORS & GROUNDING	GAC3455TOP	GAC5655TOP	AGK1GGX	BGK2GGX	TBSA	AFETY	3/4x12PI	P
INCLUDED	3	3	2	3		6	1	



TOWER PARTS	55G	BPC55G	APL55G	GA55GD	BASE	INNER ANCHOR	OUTER ANCHOR				
INCLUDED	30	1	1	7	CB4G	AB2	AB3				
	3/16EHS	142265	BG2142	BG2146	5/16	STHH		200' POUN 556			
GUYS & CONNECTIONS	4275'	1200'	36	6	3	36		300' ROHN 550 All parts shown in table are included when ordering			
INCLUDED	7/16THH	1/2TBE&J	5/8TBE&J	CPC.5/.75	CPC	1/1.25		when ordering			
	6	9	12	3		3	F	Part No: 55G90R300			
ANCHORS & GROUNDING	GAC3455TOP	GAC5655TOP	AGK1GGX	BGK2GGX	TBSA	FETY	3/4x12Pl	P			
INCLUDED	3	3	2	3		6	1				

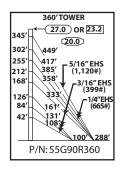


TOWER PARTS	55G	BPC55G	APL55G	GA55GD	BASE INNER ANCHOR	OUTER RANCHOR	
INCLUDED	32	1	1	7	CB4G AB2	AB3	
	3/16EHS	1/4EHS	142265	BG2142	BG2144	BG2146	320' ROHN 55G
GUYS & CONNECTIONS	2250'	2250'	1275'	24	12	6	All parts shown in table are included
INCLUDED	5/16THH	3/8THH	7/16THH	1/2TBE&J	5/8TBE&J	TBSAFETY	when ordering Part No: 55G90R320
	24	12	6	9	12	6	- Ture No. 33 d 70 N 3 2 0
ANCHORS & GROUNDING	GAC3455TOP	GAC5655TOP	AGK1GGX	BGK2GGX	CPC.5/.75	CPC1/1.25	3/4x12PP
INCLUDED	3	3	2	3	3	3	1

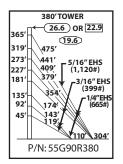


TOWER PARTS	55G	BPC55G	APL55G	GA55GD	BASE INNER	OUTER R ANCHOR	
INCLUDED	34	1	1	8	CB4G AB2	AB3	
	3/16EHS	1/4EHS	142265	BG2142	BG2144	BG2146	340' ROHN 55G
GUYS & CONNECTIONS	3325'	2425'	1350'	30	12	6	All parts shown in table are included
INCLUDED	5/16THH	3/8THH	7/16THH	1/2TBE&J	5/8TBE&J	TBSAFETY	when ordering Part No: 55G90R340
	30	12	6	9	15	6	
ANCHORS & GROUNDING	GAC3455TOP	GAC5655TOP	AGK1GGX	BGK2GGX	CPC.5/.75	CPC1/1.25	3/4x12PP
INCLUDED	3	3	2	3	3	3	1

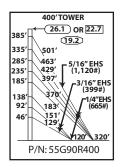
# STANDARD DESIGN - 55G 90MPH REV.G, 70MPH REV. F



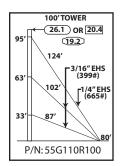
TOWER PARTS	55G	BPC55G	APL55G	GA55GD	APL1258UM	BASE	INNER ANCHOR	OUTER ANCHOR	
INCLUDED	36	1	1	8	2	CB5G	AB2	AB4	
	3/16EHS	1/4EHS	142265	BG2142	BG2144	BG	2146	360′ F	ROHN 55G
GUYS & CONNECTIONS	3475'	2575'	1450'	30	12		6		ts shown in re included
INCLUDED	5/16THH	3/8THH	7/16THH	1/2TBE&J	5/8TBE&J	TBS	AFETY		3
	30	12	6	9	15		6	1 411 140	. 3347011300
ANCHORS & GROUNDING	GAC3455TOP	GAC5655TOP	AGK1GGX	BGK2GGX	CPC.5/.75	CPC	1/1.25		
INCLUDED	3	3	2	3	3		3		



TOWER PARTS	55G	BPC55G	APL55G	GA55GD	APL1258UM	BASE	INNER ANCHOF	OUTER ANCHOR	
INCLUDED	38	1	1	8	2	CB5G AB2		AB4	
	3/16EHS	1/4EHS	142265	BG2142	BG2144	BG	2146	380′ R	OHN 55G
GUYS & CONNECTIONS	3175'	3275'	1525'	24	18		6		s shown in e included
INCLUDED	5/16THH	3/8THH	7/16THH	1/2TBE&J	5/8TBE&J	TBSA	FETY		ordering 55G90R380
	24	18	6	9	15		6	rait No.	_
ANCHORS & GROUNDING	GAC3455TOP	GAC5655TOP	AGK1GGX	BGK2GGX	CPC.5/.75	CPC	1/1.25	3/4x12PF	o e e e e e e e e e e e e e e e e e e e
INCLUDED	3	3	2	3	3		3	1	

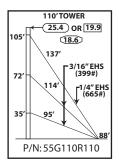


TOWER PARTS	55G	BPC55G	APL55G	GA55GD	APL1258UM	BASE	INNER ANCHOF	OUTER ANCHOR	
INCLUDED	40	1	1	8	2	CB5G	AB2	AB4	
	3/16EHS	1/4EHS	142265	BG2142	BG2144	BG2	2146	400′ R	OHN 55G
GUYS & CONNECTIONS	2075'	4700'	1600'	18	24	(	6	All part	s shown in e included
INCLUDED	5/16THH	3/8THH	7/16THH	1/2TBE&J	5/8TBE&J	TBSA	FETY		ordering
	18	24	6	9	15		6	Part NO:	_
ANCHORS & GROUNDING	GAC3455TOP	GAC5655TOP	AGK1GGX	BGK2GGX	CPC.5/.75	CPC′	1/1.25	3/4x12PF	•
INCLUDED	3	3	2	3	3	3	3	1	



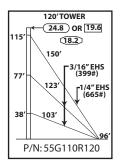
TOWER PARTS	55G	BP	C55G	F	APL55G	GA55GI		FDNS ANCHOR	3	
INCLUDED	10		1		1	3	CB1	G AB2		•
GUYS & CONNECTIONS	3/16EHS	1/4EHS	BG214	12	BG2144	5/16THH	3/8TH	1/2TBE	E&J	
INCLUDED	600'	400'	12		6	12	6	9		Р
ANCHORS & GROUNDING	GAC3455T0	OP AGK	1GGX	В	GK2GGX	CPC.5/.	75 TB	SAFETY	3/4	x12PP
INCLUDED	3		1		3	3		3		1

100' ROHN 55G
All parts shown in table are included when ordering
Part No: 55G110R100



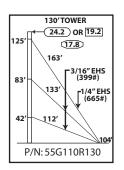
TOWER PARTS	55G	BPG	BPC55G		PL55G	GA55GD		FDNS BASE ANCHOR		R	
INCLUDED	11		1		1	3	(	CB1G	AB2		
GUYS & CONNECTIONS	3/16EHS	1/4EHS	BG214	12 I	BG2144	5/16THH	3/8	THH	1/2TBE	&J	
INCLUDED	675'	450'	12		6	12		6	9		ı
ANCHORS & GROUNDING	GAC3455T0	OP AGK	1GGX	ВС	GK2GGX	CPC.5/.	75	TBS.	AFETY	3/4	x12PP
INCLUDED	3		1		3	3			3		1

110' ROHN 55G
All parts shown in table are included when ordering
Part No: 55G110R110



TOWER PARTS	55G	BPO	C55G	,	APL55G	GA55G	D ,		ONS ANCHOR		
INCLUDED	12		1		1	3		B2G			
GUYS &	3/16EHS	1/4EHS	BG214	12	BG2144	5/16THH	3/8	ТНН	1/2TBE	&J	
CONNECTIONS INCLUDED	725'	500'	12		6	12		6	9		ı
ANCHORS &	GAC3455TC	P AGK	1GGX	В	GK2GGX	CPC.5/.	75	TBS	AFETY	3/4	<12PP
GROUNDING INCLUDED	3		1		3	3			3		1

120' ROHN 55G
All parts shown in
table are included
when ordering
Part No: 55G110R120



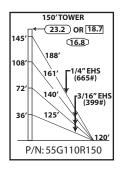
TOWER PARTS	55G	BPO	C55G	APL55G		GA55G	D		ONS ANCHOR	2	
INCLUDED	13		1		1	3		CB2G	AB2		
GUYS & CONNECTIONS	3/16EHS	I/4EHS	BG214	12	BG2144	5/16THH	3/8	зтнн	1/2TBE	&J	
INCLUDED	800'	525'	12		6	12		6	9		Р
ANCHORS & GROUNDING	GAC3455TC	P AGK	1GGX	В	GK2GGX	CPC.5/.	75	TBS.	AFETY	3/4	x12PP
INCLUDED	3		1		3	3			3		1

130' ROHN 55G
All parts shown in
table are included
when ordering
Part No: 55G110R130

Г,	140′TOWER → (23.6) OR [18.9]
135′	17.2
101′	175' 151' \(\Gamma_{665#}\)
67′	131' 3/16" EHS (399#)
34′	117'
P	/N:55G110R140

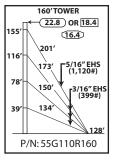
_											_	
	TOWER PARTS	55G	BP	C55G		APL55G	GA55G	D -		ONS ANCHOR	R	
	INCLUDED	14		1		1	4	(	CB2G	AB2		
	GUYS & CONNECTIONS	3/16EHS	1/4EHS	BG214	12	BG2144	5/16THH	3/8	тнн	1/2TBE	&J	
	INCLUDED	1275'	575'	18		6	18		6	12		ı
	ANCHORS &	GAC3455TC	OP AGK	1GGX	В	GK2GGX	CPC.5/.	75	TBS.	AFETY	3/4	x12PP
	GROUNDING INCLUDED	3		1		3	3			3		1

140' ROHN 55G All parts shown in table are included when ordering Part No: 55G110R140



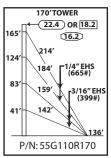
							_			-	
TOWER PARTS	55G	BP	C55G	F	APL55G	GA55G	D		DNS ANCHOF	R	
INCLUDED	15		1		1	4	(	CB2G	AB3		,
GUYS & CONNECTIONS	3/16EHS	1/4EHS	BG214	12	BG2144	5/16THH	3/8	тнн	5/8TBE	<b>&amp;</b> J	
INCLUDED	1375'	600'	18		6	18		6	12		Р
ANCHORS &	GAC5655TC	DP AGI	(1GGX	В	GK2GGX	CPC1/1.	.25	TBS	AFETY	3/4	x12PP
GROUNDING INCLUDED	3		1		3	3			3		1

# 150' ROHN 55G All parts shown in table are included when ordering Part No: 55G110R150



TOWER PARTS	55G	BPO	C55G	AP	L55G	GA55G	D		DNS ANCHO	R	
INCLUDED	16		1		1	4	(	CB2G	AB3		
GUYS & CONNECTIONS	3/16EHS	142265	BG214	12 B	G2146	5/16THH	7/16	6THH	5/8TBI	E&J	
INCLUDED	1475'	650'	18		6	18		6	12		F
ANCHORS & GROUNDING	GAC5655TC	OP AGK	1GGX	BG	(2GGX	CPC1/1	.25	TBS	AFETY	3/4x	12PP
INCLUDED	3		1		3	3			3		1

160' ROHN 55G
All parts shown in
table are included
when ordering
Part No: 55G110R160



	55G	BP	C55G	Δ	NPL55G	GA55G	D		DNS		
TOWER PARTS	000			,	2000	0, 1000		BASE	ANCHOR	2	
INCLUDED	17		1		1	4	(	CB2G	AB3		
GUYS & CONNECTIONS	3/16EHS	1/4EHS	BG214	12 I	BG2144	5/16THH	3/8	THH	5/8TBE	<b>&amp;</b> J	İ
INCLUDED	975'	1275'	12		12	12		12	12		
ANCHORS &	GAC5655TC	OP AGK	1GGX	ВС	GK2GGX	CPC1/1.	25	TBS	AFETY	3/4	<12PP
GROUNDING INCLUDED	3		1		3	3			3		1

#### 170' ROHN 55G All parts shown in

All parts shown in table are included when ordering Part No: 55G110R170

175′	180'TOWER (22.0) OR (15.8)	18.0								
142′	227′	"EHS								
105′	202' (39	99#) /4" EHS (665#)								
72′	161′	(00511)								
35′	148'	1								
		144′								
P	P/N:55G110R180									

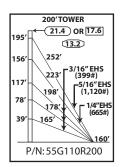
TOWER PARTS	55G	5G		C55G		APL55G	GA55G	D		ONS ANCHOR	2		
INCLUDED	18			1		1	5	(	CB3G	AB3			1 /
GUYS & CONNECTIONS	3/16EHS	1/4	EHS	BG214	12	BG2144	5/16THH	3/8	зтнн	5/8TBE	&J	1	t
INCLUDED	1550'	1	375'	18		12	18		12	15		P	a
ANCHORS & GROUNDING	GAC5655T0	ЭP	AGK	1GGX	В	GK2GGX	CPC1/1	.25	TBS	AFETY	3/4	x12PP	
INCLUDED	3			1		3	3			3		1	

180' ROHN 55G
All parts shown in
table are included
when ordering
Part No: 55G110R180

	190'TOWER
185′	21.7 OR 17.8 15.6
148′	239′
111'- 74'-	73/16" EHS (399#) 75/16" EHS (1,120#) 169' 71/4"EHS
37′-	169' 1/4"EHS (665#)
P	/N:55G110R190

TOWER PARTS	55G	BPC55G	APL55G	GA55GD	FDN BASE AI		
INCLUDED	19	1	1	5	CB3G	AB3	1
	3/16EHS	1/4EHS	142265	BG2142	BG2	2144	t
GUYS & CONNECTIONS	1650'	675'	775'	18	6	6	Pa
INCLUDED	BG2146	5/16THH	3/8THH	7/16THH	5/8TB	BE&J	Po
	6	18	6	6	1:	5	
ANCHORS & GROUNDING	GAC5655TOP	AGK1GGX	BGK2GGX	CPC1/1.25	TBSA	FETY	3/4x12PP
INCLUDED	3	1	3	3	3	3	1

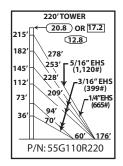
table are included when ordering Part No: 55G110R190



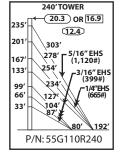
TOWER PARTS	55G	BPC55G	APL55G	GA55GD		DNS ANCHOR	
INCLUDED	20	1	1	5	CB3G		
	3/16EHS	1/4EHS	142265	BG2142	ВС	62144	
GUYS & CONNECTIONS	1750'	725'	825'	18		6	
INCLUDED	BG2146	5/16THH	3/8THH	7/16THH	5/8	TBE&J	
	6	18	6	6		15	
ANCHORS & GROUNDING	GAC5655TOP	AGK1GGX	BGK2GGX	CPC1/1.25	TBS	AFETY	3/4x12PP
INCLUDED	3	1	3	3		3	1

#### 200' ROHN 55G All parts shown in table are included

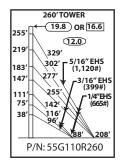
table are included when ordering Part No: 55G110R200



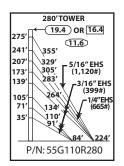
TOWER PARTS	55G	BPC55G	APL55G	GA55GD	BASE	INNER ANCHOR	OUTER ANCHOR			
INCLUDED	22	1	1	6	CB4G	AB2	AB3			
	3/16EHS	1/4EHS	142265	BG2142	ВС	S2144	BG214	46	220' RC	)HN 55G
GUYS & CONNECTIONS	1925'	825'	900'	24		6	6			shown in included
INCLUDED	5/16THH	3/8THH	7/16THH	1/2TBE&J	5/8	TBE&J	TBSAFE	ETY		ordering 5G110R220
	24	6	6	6		12	6			
ANCHORS & GROUNDING	GAC3455TOP	GAC565TOP	AGK1GGX	BGK2GGX	CP	C.5/.75	CPC1/1	.25	3/4x12PP	
INCLUDED	3	3	2	3		3	3		1	



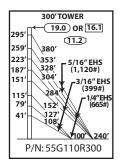
TOWER PARTS	55G	BPC55G	APL55G	GA55GD	BASE	INNER ANCHOR	OUTER ANCHOR		
INCLUDED	24	1	1	7	CB4G	AB2	AB3		
	3/16EHS	1/4EHS	142265	BG2142	ВС	32144	BG2146	240′ RC	)HN 55G
GUYS & CONNECTIONS	1775'	1700'	975'	24		12	6		shown in included
INCLUDED	5/16THH	3/8THH	7/16THH	1/2TBE&J	5/8	TBE&J	TBSAFE	I Y	ordering 5G110R240
	24	12	6	9		12	6		
ANCHORS & GROUNDING	GAC3455TOP	GAC5655TOP	AGK1GGX	BGK2GGX	CPO	C.5/.75	CPC1/1.2	25 3/4x12PP	
INCLUDED	3	3	2	3		3	3	1	



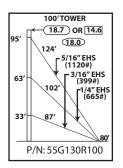
TOWER PARTS	55G	BPC55G	APL55G	GA55GD	BASE	INNER ANCHOR	OUTER ANCHOR			
INCLUDED	26	1	1	7	CB5G	AB2	AB3			
	3/16EHS	1/4EHS	142265	BG2142	BG	S2144	BG214	46	260' RC	HN 55G
GUYS & CONNECTIONS	1500'	2300'	1050'	18		18	6			shown in included
INCLUDED	5/16THH	3/8THH	7/16THH	1/2TBE&J	5/8T	BE&J	TBSAFE	TY	l	ordering 5G110R260
	18	18	6	9	1	12	6			
ANCHORS & GROUNDING	GAC3455TOP	GAC5655TOP	AGK1GGX	BGK2GGX	CPO	C.5/.75	CPC1/1	.25	3/4x12PP	
INCLUDED	3	3	2	3		3	3		1	



TOWER PARTS	55G	BPC55G	APL55G	GA55GD	BASE	INNER ANCHOR	OUTER ANCHOR		
INCLUDED	28	1	1	8	CB5G	AB2	AB4		
	3/16EHS	1/4EHS	142265	BG2142	BG	2144	BG2146	280' RC	)HN 55G
GUYS & CONNECTIONS	2825'	2025'	1150'	30		12	6		shown in in in
INCLUDED	5/16THH	3/8THH	7/16THH	1/2TBE&J	5/8T	BE&J	TBSAFET		ordering 5G110R280
	30	12	6	9		15	6		
ANCHORS & GROUNDING	GAC3455TOP	GAC5655TOP	AGK1GGX	BGK2GGX	CPC	0.5/.75	CPC1/1.2	5 3/4x12PP	
INCLUDED	3	3	2	3		3	3	1	



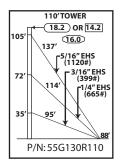
TOWER PARTS	55G	BPC55G	APL55G	GA55GD	BASE	INNER ANCHOR	OUTER ANCHOR			
INCLUDED	30	1	1	8	CB5G	AB2	AB4			
	3/16EHS	1/4EHS	142265	BG2142	ВС	92144	BG214	-6	300' RC	HN 55G
GUYS & CONNECTIONS	1675'	2500'	2350'	18		18	12			shown in included
INCLUDED	5/16THH	3/8THH	7/16THH	1/2TBE&J	5/8	TBE&J	TBSAFE	TY		ordering 5G110R300
	18	18	12	9		15	6			
ANCHORS & GROUNDING	GAC3455TOP	GAC5655TOP	AGK1GGX	BGK2GGX	CP	C.5/.75	CPC1/1.	.25	3/4x12PP	
INCLUDED	3	3	2	3		3	3		1	



TOWER PARTS	55G	BPC55G	APL55G	GA55GD	FDNS BASE ANCHOR	
INCLUDED	10	1	1	3 (	CB2G AB2	
	3/16EHS	1/4EHS	142265	BG2142	BG2144	
GUYS & CONNECTIONS	300'	325'	400'	6	6	
INCLUDED	BG2146	5/16THH	3/8THH	7/16THH	1/2TBE&J	5/8TBE&J
	6	6	6	6	6	3
ANCHORS & GROUNDING	GAC3455TOP	AGK1GGX	BGK2GGX	CPC.5/.75	TBSAFETY	3/4x12PP
INCLUDED	3	1	3	3	3	1

## 100' ROHN 55G

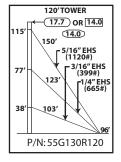
All parts shown in table are included when ordering Part No: 55G130R100



TOWER PARTS	55G	55G BPC55G APL55G GA55GD		GA55GD		DNS ANCHOR	
INCLUDED	11	1	1	3 (	CB2G	AB3	
	3/16EHS	1/4EHS	142265	BG2142	BG	G2144	
GUYS & CONNECTIONS	325'	375' 450' 6		6		6	
INCLUDED	BG2146	5/16THH	3/8THH	7/16THH	5/8TBE&J		
	6	6	6	6		9	
ANCHORS &	GAC5655TOP	AGK1GGX	BGK2GGX	CPC1/1.25	TBS	AFETY	3/4x12PF
GROUNDING INCLUDED	3	1	3	3		3	1

#### 110' ROHN 55G

All parts shown in table are included when ordering Part No: 55G130R110



	550		DDCEEC	ADLESC CASSOD		FDNS		
	TOWER PARTS	55G	BPC55G	APL55G	GA55GD	BASE	ANCHOR	
	INCLUDED	12	1	1	3	CB2G	AB3	
		3/16EHS	1/4EHS	142265	BG2142	BG2144		
	GUYS & CONNECTIONS INCLUDED	350'	400'	500'	6		6	
		BG2146	5/16THH	3/8THH	7/16THH	5/8	TBE&J	
		6	6	6	6		9	
ANCHORS & GROUNDING INCLUDED	GAC5655TOP	AGK1GGX	BGK2GGX	CPC1/1.25	TBS	AFETY	3/4x12PP	
	3	1	3	3		3	1	

## 120' ROHN 55G

All parts shown in table are included when ordering

Part No: 55G130R120

125′	130'TOWER  17.3 OR 13.8  12.0				
83'-	5/16" EHS (1120#) 71/4" EHS (665#)				
42'	112'				
F	P/N: 55G130R130				

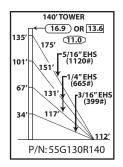
TOWER PARTS	55G	BPC55G	APL55G	GA55GD	BASE A	NS ANCHO
INCLUDED	13	1	1	3	CB2G	AB3
	1/4EHS	142265	BG2144	BG2146		
GUYS & CONNECTIONS	800'	525'	12	6		
INCLUDED	3/8THH	7/16THH	5/8TBE&J	TBSAFETY	,	
	12	6	9	3		
ANCHORS & GROUNDING	GAC5655TOP	AGK1GGX	BGK2GGX	CPC1/1.25	3/4x1	2PP
INCLUDED	3	1	3	3	1	ı

#### 130' ROHN 55G

All parts shown in table are included when ordering Part No: 55G130R130



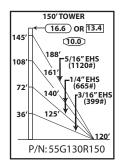




							_
TOWER PARTS	55G	BPC55G	APL55G	GA55GD		DNS ANCHOR	
INCLUDED	14	1	1	4	CB3G	AB3	
	3/16EHS	1/4EHS	142265	BG2142	ВС	G2144	
GUYS & CONNECTIONS	375'	900'	575'	6		12	
INCLUDED	BG2146	5/16THH	3/8THH	7/16THH	5/8	TBE&J	
	6	6	12	6		3	
ANCHORS &	GAC5655TOP	AGK1GGX	BGK2GGX	CPC1/1.25	TBS	AFETY	3/4x12
GROUNDING INCLUDED	3	1	3	3		3	1

#### 140' ROHN 55G

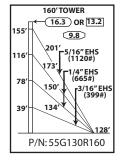
All parts shown in table are included when ordering Part No: 55G130R140



								_
	TOWER PARTS	55G	BPC55G	APL55G	GA55GD	BASE	DNS ANCHOR	
	INCLUDED	15	1	1	4	CB3G	AB3	
		3/16EHS	1/4EHS	142265	BG2142	ВС	92144	
	GUYS & CONNECTIONS	400'	975'	600'	6		12	
	INCLUDED	BG2146	5/16THH	3/8THH	7/16THH	5/8	TBE&J	
		6	6	12	6		3	
ANCHORS &		GAC5655TOP	AGK1GGX	BGK2GGX	CPC1/1.25	TBS	AFETY	3/4x12
	GROUNDING INCLUDED	3	1	3	3		3	1

### 150' ROHN 55G

All parts shown in table are included when ordering Part No: 55G130R150



TOWER PARTS	55G	BPC55G	APL55G	GA55GD	FDNS BASE ANCHO	R
INCLUDED	16	1	1	4	CB3G AB3	
	3/16EHS	1/4EHS	142265	BG2142	BG2144	
GUYS & CONNECTIONS INCLUDED	450'	1050'	650'	6	12	
	BG2146	5/16THH	3/8THH	7/16THH	5/8TBE&J	
	6	6	12	6	12	
ANCHORS & GROUNDING	GAC5655TOP	AGK1GGX	BGK2GGX	CPC1/1.25	TBSAFET	3/4x12PP
INCLUDED	3	1	3	3	3	1

### 160' ROHN 55G

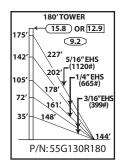
All parts shown in table are included when ordering Part No: 55G130R160

	170'TOWER
165'	16.0 OR 13.0
165	9.6
124′	214′ 5/16″ EHS (1120#)
83′	1/4″EHS (665#)
41'	159' (399#)
_	136′
	P/N:55G130R170

	TOWER PARTS	55G	BPC55G	APL55G	GA55GD	FDNS BASE ANCHOR	
INCLUDED	17	1	1	4	CB3G AB4		
	3/16EHS	1/4EHS	142265	BG2142	BG2144		
	GUYS & CONNECTIONS	475'	1100'	700'	6	12	
	INCLUDED	BG2146	5/16THH	3/8THH	7/16THH	3/4TBE&J	
		6	6	12	6	12	
ANCHORS &	ANCHORS & GROUNDING	GAC5755TOP	AGK1GGX	BGK2GGX	CPC1.5/2	TBSAFETY	3/4
	INCLUDED	3	1	3	3	3	

#### 170' ROHN 55G

All parts shown in table are included when ordering Part No: 55G130R170



TOWER PARTS	55G	BPC55G	APL55G	GA55GD		ONS ANCHOR		
INCLUDED	18	1	1	5	CB3G	AB4		
	3/16EHS	1/4EHS	142265	BG2142	BG2144		180 All	
GUYS & CONNECTIONS INCLUDED	1000'	1225'	725'	12	1	12	tabl	
	BG2146	5/16THH	3/8THH	7/16THH	3/4T	BE&J	Part	
	6	12	12	6	1	15	<u> </u>	
		TBSA	AFETY	3/4x12PP				
GROUNDING INCLUDED	3	1	3	3		3	1	

# 180' ROHN 55G

All parts shown in table are included when ordering Part No: 55G130R180

	190'TOWER
185′	15.5 OR 12.7 9.0
152′	239' 5/16"EHS (1120#)
115′	215′ –1/4″EHS (665#)
82′	173′
41′	157'
	152'
1	P/N:55G130R190

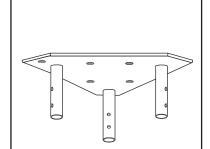
TOWER PARTS	55G	BPC55G	APL55G	GA55GD	BASE AND	
INCLUDED	19	1	1	5	CB4G A	B4
	1/4EHS	142265	BG2144	BG2146		
GUYS & CONNECTIONS	2350'	775'	24	6		
INCLUDED	3/8THH	7/16THH	3/4TBE&J	TBSAFETY		
	24	6	15	3		
ANCHORS & GROUNDING	GAC5755TOP	AGK1GGX	BGK2GGX	CPC1.5/2	3/4x12PI	>
INCLUDED	3	1	3	3	1	

# 190' ROHN 55G

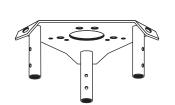
All parts shown in table are included when ordering

Part No: 55G130R190

# PARTS & ACCESSORIES

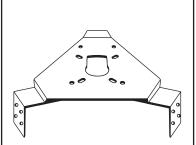


TOP PLATE
APL55G
FOR MOUNTING BEACON OR
LIGHTNING ROD.



BEARING PLATE BPL55G ERTS STANDARD SECTIO

CONVERTS STANDARD SECTION TO A TOP SECTION. HOLE PATTERN FITS TB3 (2" O.D.) AND TB4 (3" O.D.) THRUST BEARING.



ACCESSORY SHELF AS455G

FOR MOUNTING MANY POPULAR ROTORS. FIELD DRILLING MAY BE NECESSARY FOR SOME ROTORS.



TOP MOUNT

55TDMKD - NO MAST

55TDM2S3KD - 2 3/8" O.D. MAST

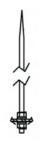
55TDM25S3KD - 2 7/8" O.D. MAST

55TDM3S3KD - 3 1/2" O.D. MAST

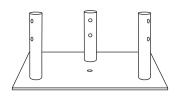
55TDM35S3KD - 4" O.D. MAST

55TDM4S3KD - 4 1/2" O.D. MAST

MOUNTING TUBE PROVIDED IS 7:



**LIGHTNING ROD**LRCL
5' COPPER CLAD, MOUNTS TO APL55G.



#### CONCRETE BASE PLATE BPC55G\*

FOR USE WITH 3/4X12PP PIER PIN EMBEDDED IN CONCRETE.

CONCRETE BASE PLATE IS TO BE USED FOR BRACKETED AND GUYED APPLICATIONS ONLY.



#### PIER PIN 3/4X12PP

FOR USE WITH BPC55G EMBEDDED IN CONCRETE.

PIER PIN MUST BE ORDERED SEPARATELY, UNLESS BEING PURCHASED AS PART OF A COMPLETE TOWER KIT.



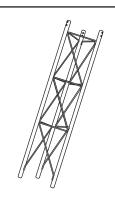
#### **TAPERED BASE\***

55TG - STANDARD

55TGIA - USE WITH A4197L BASE INSULATOR

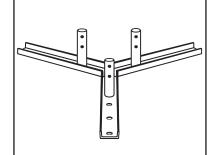
55TGIAA - USE WITH A4722B BASE INSULATOR

INSULATOR AND PIER PIN MUST BE ORDERED SEPARATELY.



**5' SHORT BASE** SB55G

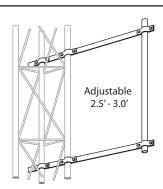
FOR EMBEDMENT IN CONCRETE.



# FLAT ROOF MOUNT

FR55G\*

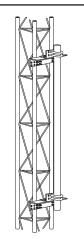
BOLTS DIRECTLY TO FLAT ROOF SURFACE.



#### **SIDE ARM BRACKET**

SA253UA

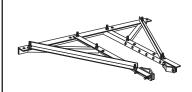
MOUNTING TUBE PROVIDED IS 3'LONG, 2 - 1/4" O.D.



**FACE MOUNT** DM55G2 - 2 3/8" O.D. 5' LONG DM554 - 4 1/2" O.D. 5' LONG

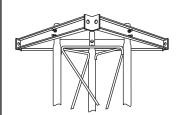
<sup>\*</sup> TOWERS MOUNTED ON THESE BASES MUST BE BRACKETED OR GUYED AT ALL TIMES. TEMPORARY STEEL GUYING MAY ALSO BE NECESSARY DURING INSTALLATION AND DISMANTLING.

# PARTS & ACCESSORIES



#### **HEAVY DUTY UNIVERSAL HOUSE BRACKET**

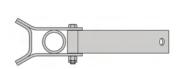
**HBUTVRO** ADJUSTABLE TO POSITION TOWER 18" - 36" FROM WALL.



### **TORQUE ARM STABILIZER ASSEMBLY**

TA55 ANTI-TWIST DEVICE LOCATED IN THE

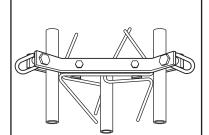
AREA OF ANTENNAS. PROVIDES SIX-WAY **GUYING. BOLTS TO TOWER AT ANY** SECTION JOINT. ATTACHED WITH JOINT BOLTS. MUST BE INSTALLED AS SECTIONS ARE JOINED TOGETHER.



#### **TORQUE BAR**

TB55D

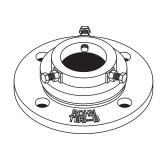
OPTIONAL, FOR USE WITH GA55GD. REQUIRES (1) 3/8" SHACKLE FOR EACH BAR.



#### **GUY BRACKET**

GA55GD

MOUNTS TO TOWER AT ANY HORIZONTAL BRACE.



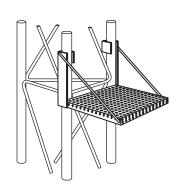
#### **THRUST BEARING**

TB3 - SUPPORTS UP TO 2"O.D. MAST. TB4 - SUPPORTS UP TO 3"O.D. MAST. MOUNTS TO BPL55G.



#### **ANTI-CLIMB PANELS** 455ACL3

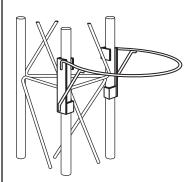
THREE ANTI-CLIMB PANELS BOLT TO STANDARD TOWER SECTION.



#### **WORK PLATFORM**

WP55G

SNAPS INTO PLACE AT ANY LEVEL. NO BOLTS REQUIRED.



#### **SAFETY RING**

SR55

SNAPS INTO PLACE AT ANY LEVEL. NO BOLTS REQUIRED.



# **CLIMBING HARNESS**

TTFBH-4D JOURNEYMAN HARNESS TTFBH-C/P **PROFESSIONAL HARNESS** 



# SAFETY CABLE SLIDER WITH CARABINEER

TT-WG-500-W/SMC

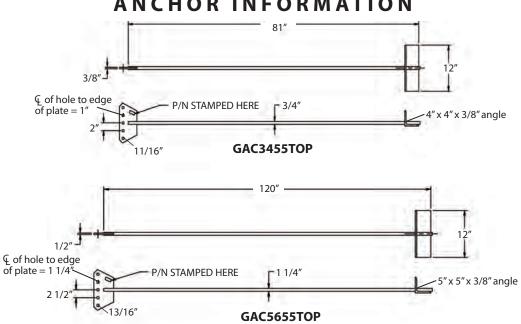
#### SAFETY CABLE SYSTEM **ORDERING INFORMATION**

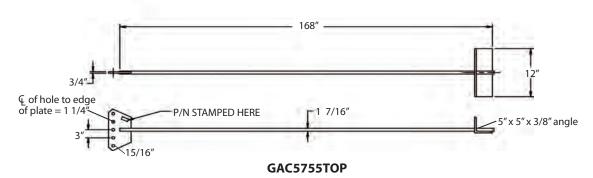
TOWER HEIGHT	PART NUMBER
50′	TT0504555
100′	TT1004555
150′	TT1504555
200'	TT2004555
250'	TT2504555
300'	TT3004555
350'	TT3504555
400'	TT4004555

SAFETY CABLE SLIDER AND CLIMBING HARNESS MUST BE ORDERED SEPARATELY.



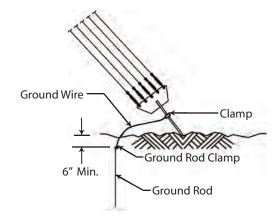
# **ANCHOR INFORMATION**

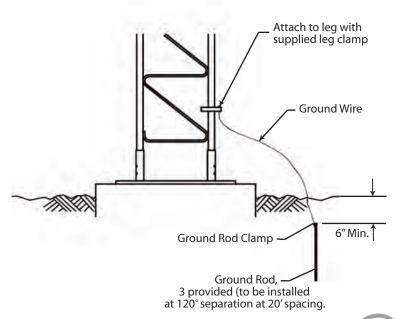




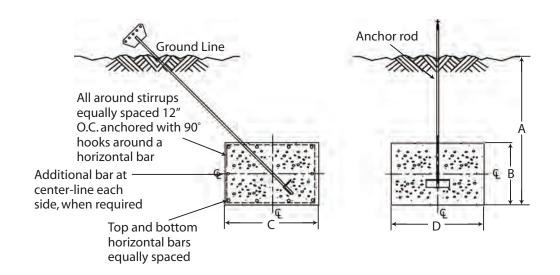








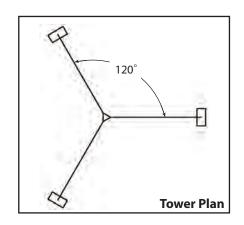
# STANDARD ANCHOR BLOCKS

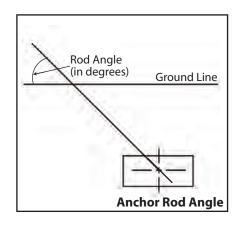


# Refer to page 119 for anchor rod installation angles.

Block	Anch	or Dim	ensio	ns (in.)	Horizontal Bars	Stirrup Size	Concrete Vol.
DIOCK	Α	В	C	D	(Qty. & Size)	& Spacing	Concrete Vol. (Cu. Yds.)
AB2	4'-0"	1' - 6"	4' - 0"	6' - 0"	(5) #6 Bars, Top Layer (5) #6 Bars, Bottom Layer (0) Additional Bar, Each Side	#3 @ 12"O.C.	1.33 Per Block 4.0 Total for 3
AB3	6'-0"	1'-6"	3'-0"	6' - 0"	(4) #6 Bars, Top Layer (4) #6 Bars, Bottom Layer (0) Additional Bar, Each Side	#3 @ 12" O.C.	1.0 Per Block 3.0 Total for 3
AB4	6' - 0"	1'-6"	4' - 0"	9'-0"	(5) #6 Bars, Top Layer (5) #6 Bars, Bottom Layer (0) Additional Bar, Each Side	#4 @ 12" O.C.	2.0 Per Block 6.0 Total for 3
AB5	8'-0"	2'-0"	3'-0"	10'-0"	(4) #7 Bars, Top Layer (4) #7 Bars, Bottom Layer (1) Additional Bar, Each Side	#4 @ 12" O.C.	2.22 Per Block 6.7 Total for 3
AB6	8'-0"	2'-0"	4'-0"	10' - 0"	(5) #7 Bars, Top Layer (5) #7 Bars, Bottom Layer (1) Additional Bar, Each Side	#4 @ 12" O.C.	2.96 Per Block 8.9 Total for 3

# ANCHOR ROD INSTALLATION ANGLES





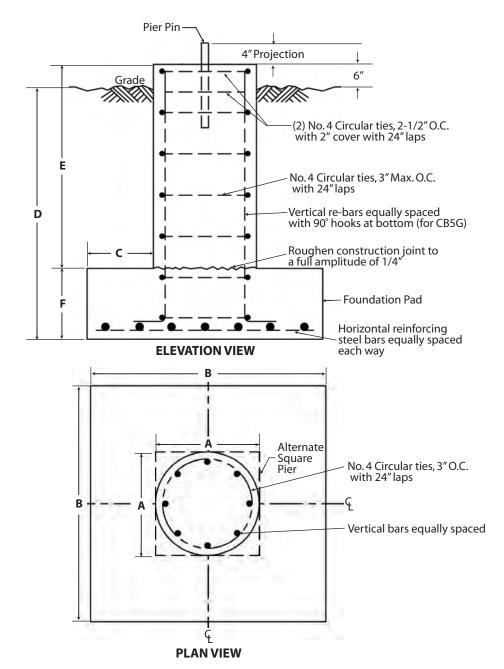
	55G	90N	1PH	
Tower Height	Inner Rod Number	Inner Rod Angle	Outer Rod Number	Outer Rod Angle
100′	GAC3455TOP	42	-	-
110′	GAC3455TOP	42	-	-
120′	GAC3455TOP	40	-	-
130′	GAC3455TOP	40	-	-
140′	GAC3455TOP	40	-	-
150′	GAC3455TOP	39	-	-
160′	GAC3455TOP	39	-	-
170′	GAC3455TOP	38	-	-
180′	GAC3455TOP	38	-	-
190′	GAC5655TOP	40	-	-
200′	GAC5655TOP	40	-	-
220′	GAC5755TOP	38	-	-
240′	GAC5755TOP	37	-	-
260′	GAC3455TOP	43	GAC5655TOP	42
280′	GAC3455TOP	42	GAC5655TOP	42
300′	GAC3455TOP	39	GAC5655TOP	43
320′	GAC3455TOP	40	GAC5655TOP	43
340′	GAC3455TOP	40	GAC5655TOP	42
360′	GAC3455TOP	40	GAC5655TOP	42
380′	GAC3455TOP	40	GAC5655TOP	42
400′	GAC3455TOP	38	GAC5655TOP	42

	55G	1101	<b>ИРН</b>	
Tower Height	Inner Rod Number	Inner Rod Angle	Outer Rod Number	Outer Rod Angle
100′	GAC3455TOP	41	-	-
110′	GAC3455TOP	40	-	-
120′	GAC3455TOP	40	-	-
130′	GAC3455TOP	40	-	-
140′	GAC3455TOP	38	-	-
150′	GAC5655TOP	38	-	-
160′	GAC5655TOP	39	-	-
170′	GAC5655TOP	38	-	-
180′	GAC5655TOP	38	-	-
190′	GAC5655TOP	38	-	-
200′	GAC5655TOP	38	-	-
220′	GAC3455TOP	42	GAC5655TOP	43
240′	GAC3455TOP	40	GAC5655TOP	44
260′	GAC3455TOP	41	GAC5655TOP	44
280′	GAC3455TOP	40	GAC5655TOP	43
300′	GAC3455TOP	39	GAC5655TOP	43

5	5G   130MPH	1
Tower	Rod	Rod
Height	Number	Angle
100′	GAC3455TOP	41
110′	GAC5655TOP	40
120′	GAC5655TOP	40
130′	GAC5655TOP	40
140′	GAC5655TOP	40
150′	GAC5655TOP	40
160′	GAC5655TOP	40
170′	GAC5755TOP	38
180′	GAC5755TOP	38
190′	GAC5755TOP	37

# (G)

# STANDARD BASE PIERS



Base	A	В	С	D	E	F	Concrete Vol. (Cu. Yds.) Round Pier	Vertical Bars (No. & Size)	Horiz. Bars in Pad (No. & Size)
CB1G*	2'-6"	2'-6"	N/A	4'-0"	N/A	N/A	1.0	(8) #7	NONE
CB2G	3'-0"	3'-0"	N/A	4'-0"	N/A	N/A	N/A 1.2 (10) #7		NONE
CB3G	3'-6"	3'-6"	N/A	4'-0"	N/A	N/A	1.6	(12) #7	NONE
CB4G	4'-0"	4'-0"	N/A	4'-0"	N/A	N/A	2.1 (12) #8		NONE
CB5G	2'-0"	4'-0"	1'-0"	4'-0"	3'-3"	1'-3"	1.1	(8) #6	(5) #5 (Total of 10)

<sup>\*</sup> Square pier option must be used for CB1G.



# STANDARD 65G GUYED TOWER





**65G** 

#### **GENERAL USE**

The 65G is designed to provide excellent rigidity and strength in applications up to 500′. This high strength design covers a wide variety of communication uses. The 65G is completely pre-fabricated in welded sections, allowing for quick and convenient installation.

#### **FEATURES**

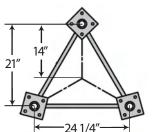
- Completely hot-dip galvanized after fabrication
- Built on a 24 1/4" equilateral triangle design
- High strength tubular legs joined by Zig-Zag<sup>®</sup> cross members
- Each section contains all required nuts and bolts shipped with section
- Continuous solid round steel bracing

#### **CAUTION**

Mixing copies of ROHN towers with ROHN towers is dangerous and voids all engineering and warranty data supplied by ROHN. Materials used by others are not the same quality and have not been tested or engineered by ROHN. Mixing ROHN tower sections with non-ROHN products may cause tower failure or injury.

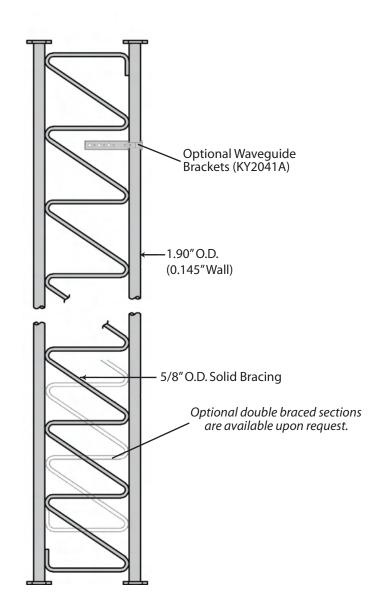
Per Rev G requirements, any structure greater than 10' requires a climber safety device. Please see page 142 for ordering information.

# STANDARD 65G GUYED TOWER SECTIONS

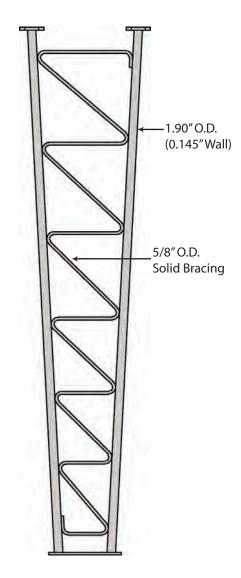


# **QUICK REFERENCE**

PARTS & ACCESSORIES PAGES 141-142 GROUNDING INFORMATION PAGES 143-146



**STANDARD SECTION 65G** - 10' Section **6520G** - 20' Section



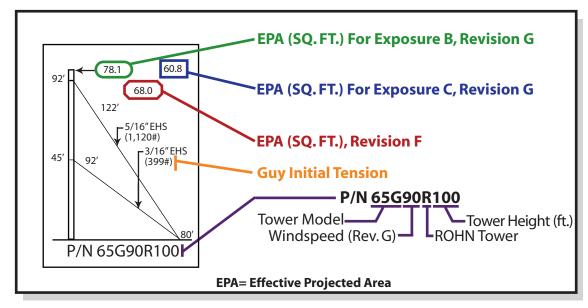
**TAPERED BASE 65TGH** - 10' Section



# BUYERS GUIDE STANDARD DESIGNS - 65G

90MPH REV. G [3 SECOND GUST] 70MPH REV. F [FASTEST MILE]

Design Criteria



This document is to serve as a guide for sizing and purchasing the 65G tower. Tower and foundation installations should be performed by qualified and experienced personnel using assembly drawings provided with each tower.

#### **DESIGN NOTES:**

- 1. Tower designs are in accordance with ANSI/TIA-222-F and ANSI/TIA-222-G, Class I Structures, Topographic Category 1.
- 2. Design assumes towers are installed on level ground. Lower EPA values will apply for roof mounted towers or for sites located on unusual terrain.
- 3. Designs assume two 7/8" diameter lines on each tower face.
- 4. Anchor radius is from tower base to intersection of anchor rod with ground.
- 5. Guy chord lengths shown are based on level ground. Initial tensions for guys are shown in ( ) in pounds at 60° Fahrenheit.
- 6. Antenna and mounts are assumed symmetrically placed at the tower top.

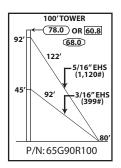
#### **PARTS LIST NOTES:**

- 1. Items listed are required for complete guyed towers.
- 2. Base and anchor foundations listed refer to standard foundation designations.
- 3. Guys provided with each standard tower are based on level ground conditions with an additional 6% length.
- 4. Rev G anchor grounding (AGK1GGX) and base grounding (BGK2GGX) are included with the tower material.
- 5. Assembly drawings and a safety package (P/N: ACWS) are included with each tower.
- 6. Parts lists are subject to change based on availability or revised design criteria.

FOR FOUNDATION INFORMATION, PLEASE SEE PAGES 143-146.
FOR GENERAL INSTALLATION INFORMATION, PLEASE SEE PAGES 147-153.







TOWER PARTS INCLUDED	65G		65	TGH		6520G	GA65G	GA65GD		APL4HA		FDNS E ANC	HOR
	1			1		4	2		1		CB2	2G A	B2
GUYS & CONNECTIONS	142265	3/16	SEHS	BG214	12	BG2146	5/16THH	7/1	6THH	5/8TBI	E&J	1/2TB	E&J
INCLUDED	400'	3	00'	6		6	6		6	3		3	
	GAC3455	TOP	AGK	1GGX	В	GK2GGX	CPC.5/	.75	TBSA	FETY	15/1	16x16l	PP
GROUNDING INCLUDED	3		1			3	3			3		1	

100' ROHN 65G
All parts shown in table are included when ordering
Part No: 65G90R100

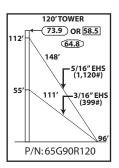
100′- 52′-	110'TOWER  75.8 OR 59.6  66.2  133'  5/16" EHS (1,120#)  102'  3/16" EHS (399#)

TOWER PARTS	65TGH		65	20G	APL4HA		GA65GD			DNS ANCHO	)R	
INCLUDED	1			5	1	1		2		AB2		
GUYS & CONNECTIONS	142265	3/16	6EHS	BG214	2 BG2146	5/	16THH	7/16	ТНН	5/8TBE	&J	1/2TBE&J
INCLUDED	425'	3	25'	6	6		6	6	6	3		3
	GAC3455	TOP	AGK	1GGX	BGK2GG	X	CPC.5	/.75	TBS	AFETY	15/	16x16PP
GROUNDING INCLUDED	3			1	3		3		3			1

110' ROHN 65G

All parts shown in table are included when ordering

Part No: 65G90R110



TOWER PARTS	65G		65	TGH	6520G	20G GA65		GD	API	L4HA		DNS ANCHO	R
INCLUDED	1			1	5	5			1		CB2	G AB2	
GUYS & CONNECTIONS	142265	3/16	SEHS	BG214	2 BG2146	5	/16THH	7/16	STHH	5/8TBE	E&J	1/2TBE8	را
INCLUDED	475' 3		75' 6		6	6			6	3		3	
			AGK	1GGX	BGK2GGX		CPC.5/.75		TBSAFETY		15/1	6x16PP	
GROUNDING INCLUDED	3			1	3		3			3		1	

2	120' ROHN 65G
-ጴ.	All parts shown in
_0(	table are included
	when ordering
	Part No: 65G90R120
P	

120′- 60′-	130'TOWER  72.3 OR 57.3  63.4  159'  5/16"EHS (1,120#)  120'  3/16"EHS (399#)
	P/N:65G90R130

TOWER PARTS	65TGH		6520G		GA65GD		APL4HA		_	DNS ANCHO	)R	
INCLUDED	1			6	2	2		1		AB2		
GUYS & CONNECTIONS	142265	3/16	SEHS	BG214	2 BG2146	5/	/16THH	7/16	ТНН	5/8TBE	&J	1/2TBE&
INCLUDED	525'	4	00'	6	6		6		6	3		3
ANCHORS &	GAC3455	TOP	AGK	1GGX	BGK2GG	X	CPC.5	/.75	TBSA	AFETY	15/	16x16PP
GROUNDING INCLUDED	3			1	3	3		3		3		1

All parts shown in
table are included
when ordering
Part No: 65G90R130

130' ROHN 65G

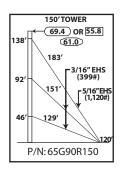
		140 IOWER
L		<b>← 70.7</b> OR <u>56.6</u>
11	29′	62.2
ı		171'
L	86′	☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐
ľ	50	
ı		75/16"EHS (1,120#)
L	43′	120′
		120 <del> </del>
ı	$\Box$	112′
		P/N:65G90R140

140'TOWER

TOWER PARTS	65G		65TGH			6520G	A	PL4	ΗA	GA	65GD		FDN E Al	S NCHOR	
INCLUDED	1			1		6		1		3		CB2G		AB2	
GUYS & CONNECTIONS	142265	3/16	6EHS	BG214	42	BG2146	5/16	STHH	7/16	STHH	5/8TB	E&J	1/27	BE&J	
INCLUDED	550'	8	50'	12		6	•	12		6	3			6	
	GAC3455	TOP	AGK	1GGX	В	GK2GGX	C	PC.5	.75	TBS	AFETY	15/1	6x1	6PP	
GROUNDING INCLUDED	3			1		3		3		3				1	

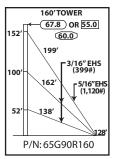
#### 140' ROHN 65G All parts shown in

table are included
when ordering
Part No: 65G90R140



TOWER PARTS	65TG	Н	65	520G	APL4HA	GA65	GD		DNS ANCHO	)R		
INCLUDED	1			7	1	3		CB20	G AB2	150		150' ROHN 65G
GUYS & CONNECTIONS	142265	3/16	EHS	BG214	2 BG2146	5/16THH	7/16	тнн	HH 5/8TBE		1/2TBE8	All parts shown in table are included
INCLUDED	600'	90	00'	12	6	12		6	3		6	when ordering Part No: 65G90R150
	GAC345	STOP	AGK	(1GGX	BGK2GG	X CPC.5	/.75	TBS	TBSAFETY		16x16PP	
GROUNDING INCLUDED	3			1	3	3			3		1	

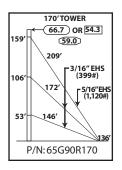
# Part No: 65G90R150



TOWER PARTS	650	ì	65TGH 1		6520G		APL4HA		GA65GD		BAS	FDNS E ANCHOR
INCLUDED	1				7		1	1		3		G AB3
GUYS & CONNECTIONS	142265	3/16	EHS	BG214	2 BG2146	5/	/16THH	7/16	THH	5/8TBE	<b>E&amp;J</b>	·
INCLUDED	650'	97	75'	12	6		12	6		9		
	GAC5655	TOP	AGK	1GGX	BGK2GG	Χ	CPC1/	1.25	TBS	AFETY	15/1	6x16PP
GROUNDING INCLUDED	3			1	3		3		3		1	

# 160' ROHN 65G

All parts shown in table are included when ordering Part No: 65G90R160



_				_										
	TOWER PARTS	65TG	Н	65	20G	,	APL4HA		GA65	GD		DNS ANCHO	)R	
	INCLUDED	1			8		1		3		CB3G	AB3		
	GUYS & CONNECTIONS	142265	3/16	EHS	BG214	2	BG2146	5/	/16THH	7/16	ТНН	5/8TBE	E&J	
	INCLUDED	675'	10	25'	12		6		12	(	6	9		
		GAC5655	ТОР	AGK	1GGX	Е	BGK2GG	Χ	CPC1/	1.25	TBSA	AFETY	15/	16x16PP
	GROUNDING INCLUDED	3			1		3		3			3		1

1	7	0′	R	0	Н	Ν	6	5	G

All parts shown in table are included when ordering Part No: 65G90R170

180'TOWER
65.6 OR 53.7 221' 58.2 5/16"EHS (1,120#)
112' 182' 1/4" EHS (665#)
3/16″EH: (399#)
P/N:65G90R180

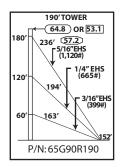
**INCLUDED** 

								_
TOWER PARTS	65G	65TGH	6520G	APL4HA	GA65GD		DNS ANCHO	R
INCLUDED	1	1	8	1	3	CB3G		
	142265	1/4EHS	3/16EHS	BG2142	BG2144			1
GUYS & CONNECTIONS	725'	600'	500'	6	6			
INCLUDED	BG2146	5/8TBE&J	7/16THH	3/8THH	5/16THH			
	6	9	6	6	6			
ANCHORS & GROUNDING	GAC5655TOP	AGK1GGX	BGK2GGX	CPC1/1.25	TBSAFETY	15/16	x16PP	
GRUUNUNG								

180' ROHN 65G All parts shown in table are included when ordering Part No: 65G90R180

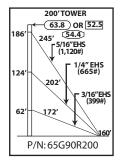
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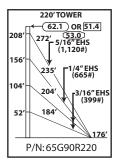
TOWER PARTS	65TGH	6520G	APL4HA	GA65GD	BASE	INNER ANCHOF	2
INCLUDED	1	9	1	3	CB3G	AB3	
	142265	1/4EHS	3/16EHS	BG2142	BG2	2144	
GUYS & CONNECTIONS	750'	625'	525'	6	6		
INCLUDED	BG2146	5/8TBE&J	7/16THH	3/8THH	5/16	THH	
	6	9	6	6	6	6	
ANCHORS & GROUNDING	GAC5655TOP	AGK1GGX	BGK2GGX	CPC1/1.25	TBSA	FETY	15/16x16PP
INCLUDED	3	1	3	6	(3)	3	1

#### 190' ROHN 65G All parts shown in table are included when ordering Part No: 65G90R190



	65G	65TGH	6520G	APL4HA	GA65GD		ONS
TOWER PARTS	000	00.0	00200	/ ( L II I / (	0.1000	BASE	ANCHO
INCLUDED	1	1	9	1	3	CB3G	AB3
	142265	1/4EHS	3/16EHS	BG2142	BG2144		
GUYS & CONNECTIONS	800'	650'	550'	6	6		
INCLUDED	BG2146	5/8TBE&J	7/16THH	3/8THH	5/16THH		
	6	9	6	6	6		
ANCHORS & GROUNDING	GAC5655TOP	AGK1GGX	BGK2GGX	CPC1/1.25	TBSAFETY	15/16	x16PP
INCLUDED	3	1	3	3	3		1

200' ROHN 65G
All parts shown in
table are included
when ordering
Part No: 65G90R200



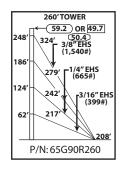
TOWER PARTS	65G	65TGH	6520G	APL4HA	GA65GD	FDNS BASE ANC	HOR
INCLUDED	1	1	10	1	4	CB3G AB	3
	142265	1/4EHS	3/16EHS	BG2142	BG2144	·	 220' ROHN 65G
GUYS & CONNECTIONS	875'	750'	1250'	12	6		All parts shown in table are included
INCLUDED	BG2146	5/8TBE&J	7/16THH	3/8THH	5/16THH		when ordering Part No: 65G90R220
	6	12	6	6	12		
ANCHORS & GROUNDING	GAC5655TOP	AGK1GGX	BGK2GGX	CPC1/1.25	TBSAFETY	15/16x16F	PP
INCLUDED	3	1	3	3	3	1	

1	240'TOWER
232	60.6 OR 50.5
173	5/16" EHS (1,120#)
"	258' F1/4"EHS (665#)
116	224′ 3/16″ EHS (399#)
58	201'
_	192′
	P/N:65G90R240

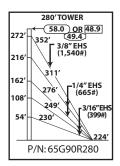
								_
TOWER PARTS	65G	65TGH	6520G	APL4HA	GA65GD		ONS ANCHO	R
INCLUDED	1	1	11	1	4	CB3G	AB3	
	142265	1/4EHS	3/16EHS	BG2142	BG2144			2
GUYS & CONNECTIONS	975'	825'	1375'	12	6			t
INCLUDED	BG2146	5/8TBE&J	7/16THH	3/8THH	5/16THH			
	6	12	6	6	12			P
ANCHORS &	GAC5655TOP	AGK1GGX	BGK2GGX	CPC1/1.25	TBSAFETY	15/16	<16PP	
GROUNDING INCLUDED	3	1	3	3	3		1	

40' ROHN 65G All parts shown in table are included when ordering Part No: 65G90R240

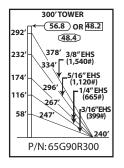




TOWER PARTS	65G	65TGH	6520G	APL4HA	GA65GD	FDNS BASE ANCHO	DR		
INCLUDED	1	1	12	1	4	CB4G AB4			
GUYS &	142265	1/4EHS	3/16EHS	BG2142	BG2144	26	 0′ ROHN 65G		
	1050'	1675'	700'	6	12	All parts shown table are include when ordering			
CONNECTIONS INCLUDED	BG2147	5/8TBE&J	1/2THH	3/8THH	5/16THH				
	6	12	6	12	6	Part No: 65G90R2			
ANCHORS & GROUNDING	GAC5655TOP	AGK1GGX	BGK2GGX	CPC1/1.25	TBSAFETY	15/16x16PP			
INCLUDED	3	1	3	3	3	1			



TOWER PARTS	65G	65TGH	6520G	APL4HA	GA65GD	$\overline{}$	DNS ANCHOR	3	
INCLUDED	1	1	13	1	5	CB4G	AB4		
	142265	1/4EHS	3/16EHS	BG2142	BG2144	280' ROHN 65			
GUYS & CONNECTIONS	1125'	1875'	1550'	12	12	All parts shown ir table are included when ordering Part No: 65G90R28			
INCLUDED	BG2147	5/8TBE&J	1/2THH	3/8THH	5/16THH				
	6	15	6	12	12				
ANCHORS & GROUNDING	GAC5655TOP	AGK1GGX	BGK2GGX	CPC1/1.25	TBSAFETY	15/16x	(16PP		
INCLUDED	3	1	3	3	3		1		



TOWER PARTS	65G	65TGH	6520G	APL4HA	GA65GD	BASE A	
INCLUDED	1	1	14	1	5	CB4G	AB4
	142261	142265	1/4EHS	3/16EHS	BG2142		
	1225'	1075'	1800'	800'	6		300
GUYS & CONNECTIONS	BG2144	BG2146	BG2147	5/8TBE&J	1/2THH		All <sub>I</sub> tabl
INCLUDED	12	6	6	15	6		w Part
	7/16THH	3/8THH	5/16THH	TBSAFETY			
	6	12	6	3		_	
ANCHORS & GROUNDING	GAC5655TOP	AGK1GGX	BGK2GGX	CPC1/1.25	15/16x16PP		
INCLUDED	3	1	3	3	1		

300' ROHN 65G All parts shown in table are included

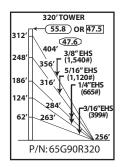
when ordering Part No: 65G90R300

BASE INNER OUTER ANCHOR

AB2

CB5G

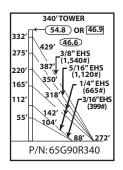
# STANDARD DESIGN - 65G 90MPH REV.G, 70MPH REV. F



TOWER PARTS	65G	65TGH	6520G	APL4HA	GA65GD		ONS ANCHOR
INCLUDED	1	1	15	1	5	CB5G	AB4
	142261	142265	1/4EHS	3/16EHS	BG2142		
	1300'	1150'	1925'	850'	6		
GUYS & CONNECTIONS	BG2144	BG2146	BG2147	5/8TBE&J	1/2THH		320
INCLUDED	12	6	6	15	6		All p
	7/16THH	3/8THH	5/16THH	TBSAFETY			wl Part
	6	12	6	3		_	rait
ANCHORS & GROUNDING	GAC5655TOP	AGK1GGX	BGK2GGX	CPC1/1.25	15/16x16PP		
INCLUDED	3	1	3	3	1		

#### 320' ROHN 65G

All parts shown in table are included when ordering Part No: 65G90R320



TOWER PARTS	65G	65TGH	6520G	APL4HA	GA65GD
INCLUDED	1	1	16	1	6
	142261	142265	1/4EHS	3/16EHS	BG2142
	1375'	1250'	2600'	350'	6
GUYS & CONNECTIONS	BG2144	BG2146	BG2147	5/8TBE&J	1/2TBE&J
INCLUDED	18	6	6	12	6
	1/2THH	7/16THH	3/8THH	5/16THH	
	6	6	18	6	
	GAC5655TOP	GAC3455TOP	AGK1GGX	BGK2GGX	
ANCHORS & GROUNDING	3	3	2	3	
INCLUDED	CPC.5/.75	CPC1/1.25	TBSAFETY	15/16x16PP	
	2	,	6	4	

### 340' ROHN 65G

AB4

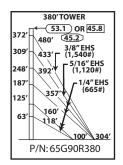
All parts shown in table are included when ordering Part No: 65G90R340

	360'TOWER
352′	53.9 OR 46.4 45.8
292′	455' 3/8" EHS (1,540#)
234′	5/16"EHS (1,120#)
176′	71/4"EHS
118′	338/1 (665#)
59′	151'
	94' 288'
	P/N: 65G90R360

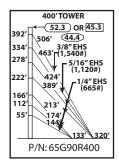
TOWER PARTS	65G	65TGH	6520G	APL4HA	GA65GD	BASE	INNE	R OUTER OR ANCHOR	
INCLUDED	1	1	17	1	6	CB6G	AB2	2 AB4	
	142261	142265	1/4EHS	5/8TBE&J	1/2TBE&J	3/8T	ΉΗ		
GUYS &	1450'	1325'	3100'	12	6	24			
CONNECTIONS INCLUDED	BG2144	BG2146	BG2147	1/2THH	7/16THH		2	60′ ROH	
	24	6	6	6	6		All par		
	GAC5655TOP	GAC3455TOP	AGK1GGX	BGK2GGX	CPC.5/.75		ta	able are inc when ord	
ANCHORS & GROUNDING	3	3	2	3	3		Pa	art No: 650	
INCLUDED	CPC1/1.25	APL1258UM	TBSAFETY	15/16x16PP					
	3	2	6	1					

#### 360' ROHN 65G

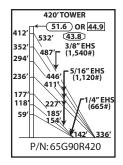
> All parts shown in table are included when ordering Part No: 65G90R360



TOWER PARTS	65G 65	TGH 6520	G APL4H	IA GA65GI	)	BASE	INNEI ANCHO	R OUTER OR ANCHOR
INCLUDED	1	1 18	3 1	6		CB6G	AB2	AB4
GUYS &	142261	142265	1/4EHS	5/8TBE&J	1/2TBE&J	3/8T	НН	
	1550'	1400'	3300'	12	6	6 24		
CONNECTIONS INCLUDED	BG2144	BG2146	BG2147	1/2THH	7/16THH			380' RO
	24	6	6	6	6			table are when
	GAC5655TOP	GAC3455TOP	AGK1GGX	BGK2GGX	CPC.5/.75			Part No:
ANCHORS & GROUNDING	3	3	2	3	3			
INCLUDED	CPC1/1.25	APL1258UM	TBSAFETY	15/16x16PP				
	3	2	6	1				



TOWER PARTS	65G	65TGH	6520G	APL4HA	GA65GD	BASE	INNER ANCHO
INCLUDED	1	1	19	1	7	CB6G	AB2
	142261	142261 142265 1/4EHS 5/8TBE&J 1/2TB		1/2TBE&J	3/8T	НН	
GUYS & CONNECTIONS	1625'	1475'	4300'	12	9	30	)
INCLUDED	BG2144	BG2146	BG2147	1/2THH	7/16THH		
	30	6	6	6	6		
	GAC5655TOP	GAC3455TOP	AGK1GGX	BGK2GGX	CPC.5/.75		
ANCHORS & GROUNDING	3	3	2	3	3		
INCLUDED	CPC1/1.25	APL1258UM	TBSAFETY	15/16x16PP			
	3	2	6	1			



TOWER PARTS INCLUDED	65G	65TGH	6520G	APL4HA	GA65GD	BASE	INNER ANCHOR	OUTER ANCHOR
	1	1	20	1	7	CB6G	AB3	AB4
GUYS & CONNECTIONS INCLUDED	142261	142265	1/4EHS	5/8TBE&J	3/8THH	<b>420' RC</b> All parts table are when c Part No: 6		
	1700'	5025'	1100'	21	12			
	BG2144	BG2146	BG2147	1/2THH	7/16THH			
	12	24	6	6	24			
ANCHORS & GROUNDING INCLUDED	GAC5655TOP	APL1258UM	AGK1GGX	BGK2GGX	CPC1/1.25			
	6	2	2	3	6			
	TBSAFETY	15/16x16PP						
	6	1						

# 400' ROHN 65G

INNER OUTER ANCHOR

AB4

380' ROHN 65G

All parts shown in

table are included

when ordering Part No: 65G90R380

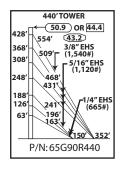
All parts shown in table are included when ordering Part No: 65G90R400

420' ROHN 65G

All parts shown in table are included when ordering Part No: 65G90R420



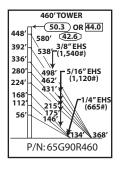
### STANDARD DESIGN - 65G 90 MPH REV. G, 70MPH REV. F



TOWER PARTS	65G	65TGH	6520G	APL4HA	GA65GD	BASE	INNER ANCHOR	OUTER ANCHOR
INCLUDED	1	1	21	1	7	CB7G	AB3	AB4
	142261	142265	1/4EHS	5/8TBE&J	3/8THH			
GUYS &	1775'	5275'	1150'	21	12		10' ROH	
CONNECTIONS INCLUDED	BG2144	BG2146	BG2147	1/2THH	7/16THH		ble are ii	
	12	24	6	6	24		when ore rt No: 65	
	GAC5655TOP	APL1258UM	AGK1GGX	BGK2GGX	CPC1/1.25			
ANCHORS & GROUNDING	6	2	2	3	6			
INCLUDED	TBSAFETY	15/16x16PP						
	6	1						

#### 440' ROHN 65G All parts shown in table are included when ordering

Part No: 65G90R440



TOWER PARTS	65G	65TGH	6520G	APL4HA	GA65GD	BASE
INCLUDED	1	1	22	1	8	CB7G
	142261	142265	1/4EHS	3/4TBE&J	5/8TBE&J	3/8TF
GUYS &	1850'	6850'	1025'	15	9	12
CONNECTIONS INCLUDED	BG2144	BG2146	BG2147	1/2THH	7/16THH	
	12	30	6	6	30	
	GAC5655TOP	GAC5755TOP	AGK1GGX	BGK2GGX	CPC1/1.25	
ANCHORS & GROUNDING	3	3	2	3	3	
INCLUDED	CPC1.5/2	APL1258UM	TBSAFETY	15/16x16PP		
	3	2	6	1		

#### 460' ROHN 65G

INNER OUTER ANCHOR

AB5

AB3

3/8THH

All parts shown in table are included when ordering Part No: 65G90R460

	480'TOWER
472′	49.7 OR 43.6 609' 42.0
413′	3/8"EHS 564' (1,540#)
354′	1///
295′	522, 5/16" EHS (1,120#)
236′	484′
177	451
118'	227/ 71/4" EHS (665#)
59′	185′ 154′
	142' 384'
l	P/N: 65G90R480

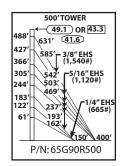
TOWER PARTS	65G	65TGH	6520G	APL4HA	GA65GD	BASE	INNE ANCHO	R OUTER OR ANCHOR			
INCLUDED	1	1	23	1	8	CB7G AB		AB5			
	142261	142265	1/4EHS	3/4TBE&J	5/8TBE&J	3/8T	НН				
GUYS &	1950'	7175'	1100'	15	9	12					
CONNECTIONS INCLUDED	BG2144	BG2146	BG2147	1/2THH	7/16THH		480′ ROI				
	12	30	6	6	30		All parts table are				
	GAC5655TOP	GAC5755TOP	AGK1GGX	BGK2GGX	CPC1/1.25			when orde			
ANCHORS & GROUNDING	3	3	2	3	3		Part No:				
INCLUDED	CPC1.5/2	APL1258UM	TBSAFETY	15/16x16PP							
	3	2	6	1							

#### 480' ROHN 65G

All parts shown in table are included when ordering Part No: 65G90R480



### STANDARD DESIGN - 65G 90MPH REV. G, 70MPH REV. F



TOWER PARTS	65G	65TGH	6520G	APL4HA	GA65GD	BASE	INNEF ANCHO
INCLUDED	1	1	24	1	8	CB7G	AB3
	142261	142265	1/4EHS	3/4TBE&J	5/8TBE&J	3/8T	НН
GUYS &	2025'	7450'	1150'	15	9	12	2
CONNECTIONS INCLUDED	BG2144	BG2146	BG2147	1/2THH	7/16THH		<b>5</b> 0
	12	30	6	6	30		tal
	GAC5655TOP	GAC5755TOP	AGK1GGX	BGK2GGX	CPC1/1.25		Par
ANCHORS & GROUNDING	3	3	2	3	3		
INCLUDED	CPC1.5/2	APL1258UM	TBSAFETY	15/16x16PP			
	3	2	6	1			

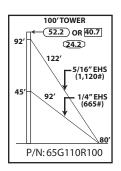
500' ROHN 65G All parts shown in table are included when ordering Part No: 65G90R500

AB5

INNER OUTER ANCHOR



### STANDARD DESIGN - 65G 110 MPH REV. G, 90MPH REV. F



TOWER PARTS	65G	65G 65T		6520G	APL4H	APL4HA GA6		65GD BASI		-DNS ANCHOR	
INCLUDED	1		1	4	1		2		CB2G	AB2	
GUYS & CONNECTIONS	142265 1	/4EHS	BG214	BG2146	7/16THH	3/8	ТНН	5/8TB	E&J ′	1/2TBE&	J
INCLUDED	400'	300'	6	6	6		6	3		3	P
	GAC3455TC	P AGK	1GGX	BGK2GG>	CPC.5/	.75	TBS	AFETY	15/1	6x16PP	_
GROUNDING INCLUDED	3		1	3	3			3		1	

100' ROHN 65G All parts shown in

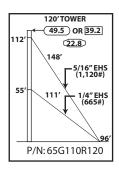
table are included when ordering Part No: 65G110R100

100′	110'TOWER  50.8 OR 39.9  23.6  133'  5/16" EHS (1,120#)  102'  1/4" EHS (665#)
	P/N:65G110R110

TOWER PARTS	65TGH	65	20G	APL4HA	GA65G	D RAS	FDNS BASE ANCHOR			
INCLUDED	1		5	1	2	CB2		<u> </u>		
GUYS &	142265	I/4EHS	BG214	BG2146	7/16THH	3/8TH	H 5/8TBE	&J	1/2TBE&	J
CONNECTIONS INCLUDED	425'	325'	6	6	6	6	3		3	
ANCHORS & GROUNDING	GAC3455TC	P AGK	1GGX	BGK2GG	CPC.5/	.75 TB	SAFETY	15/	16x16PP	
INCLUDED	3		1	3	3		3		1	

110' ROHN 65G

All parts shown in table are included when ordering Part No: 65G110R110



				1							ED. 10
TOWER PARTS	65G	65	65TGH		5520G	APL4HA		GA65GD		BASE	FDNS ANCHOR
INCLUDED	1	1			5	1		2		CB2G	AB3
GUYS & CONNECTIONS	142265 1	/4EHS	BG214	14 E	3G2146	7/16THH	3/8	ТНН	5/8TBI	E&J	
INCLUDED	475'	375'	6		6	6		6	6		
ANCHORS &	GAC5655TC	PAGK	1GGX	BG	K2GGX	CPC1/1	.25	TBS	AFETY	15/1	6x16PP
GROUNDING INCLUDED	3		1		3	3			3		1

120' ROHN 65G

All parts shown in table are included when ordering Part No: 65G110R120

120′	130'TOWER 48.4 OR 38.5 22.2 159'
60'	3/8" EHS (1,540#) 120' 1/4" EHS (665#)
	P/N:65G110R130

TOWER PARTS	65TGH	65	20G	APL4HA	GA65G	D		DNS ANCHOR	2	
INCLUDED	1		6	1	2		CB2G	AB3		
GUYS &	142261 1	/4EHS	BG214	BG2144	1/2THH	3/8	зтнн	5/8TBE	&J	
CONNECTIONS INCLUDED	525'	400'	6	6	6		6	6		
ANCHORS & GROUNDING	GAC5655TO	AGK	(1GGX	BGK2GGX	CPC1/1	.25	TBS	AFETY	15/	16x16PP
INCLUDED	3		1	3	3			3		1

1	3	0′	RO	ΗN	65G
L	lΙ	na	rts	shov	vn in

table are included when ordering Part No: 65G110R130

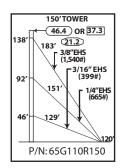
	140'TOWER
129′	47.2 OR 37.9 21.6 171′ 5/16″EHS (1,120#)
86'	73/16" EHS (399#) 141'
43′	120'
	P/N:65G110R140

								_
TOWER PARTS	65G	65TGH	6520G	APL4HA	GA65GD		DNS ANCHOF	₹
INCLUDED	1	1	6	1	3	CB3G	AB3	
	142265	1/4EHS	3/16EHS	BG2142	BG2144			_
GUYS & CONNECTIONS	550'	450'	400'	6	6			
INCLUDED	BG2146	5/8TBE&J	7/16THH	3/8THH	5/16THH			
	6	9	6	6	6			
ANCHORS &	GAC5655TOP	AGK1GGX	BGK2GGX	CPC1/1.25	TBSAFETY	15/16	x16PP	
GROUNDING	3	1	3	3	3		1	

### 140' ROHN 65G

All parts shown in table are included when ordering Part No: 65G110R140

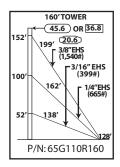
### **STANDARD DESIGN - 65G** 110MPH REV. G, 90MPH REV. F



						_
TOWER PARTS	65TGH	6520G	APL4HA	GA65GD	BASE ANCHO	R
INCLUDED	1	7	1	3	CB3G AB3	
	142261	1/4EHS	3/16EHS	BG2142	BG2144	
GUYS & CONNECTIONS	600'	500'	425'	6	6	
INCLUDED	BG2147	5/8TBE&J	1/2THH	3/8THH	5/16THH	
	6	9	6	6	6	
ANCHORS & GROUNDING INCLUDED	GAC5655TOP	AGK1GGX	BGK2GGX	CPC1/1.25	TBSAFETY	15/16x16PP
	3	1	3	6	3	1

### 150' ROHN 65G

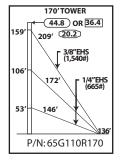
All parts shown in table are included when ordering Part No: 65G110R150



		65G	65TGH	6520G	APL4HA	GA65GD		DNS
	TOWER PARTS	030	031011	03200	AI L4I IA	CAUSED	BASE	ANCHOR
	INCLUDED	1	1	7	1	3	CB3G	AB3
	GUYS & CONNECTIONS	142261	1/4EHS	3/16EHS	BG2142	BG2144		
		650'	525'	450'	6	6		
	INCLUDED	BG2147	5/8TBE&J	1/2THH	3/8THH	5/16THH		
		6	9	6	6	6		
	ANCHORS &	GAC5655TOP	AGK1GGX	BGK2GGX	CPC1/1.25	TBSAFETY	15/16	x16PP
	GROUNDING INCLUDED	3	1	3	3	3		1

#### 160' ROHN 65G

All parts shown in table are included when ordering Part No: 65G110R160



TOWER PARTS	65TGH	65	520G	1	APL4HA	GA65GI	)		DNS ANCHOR	3	
INCLUDED	1		8		1	3		CB3G			
GUYS & CONNECTIONS	142261 1	/4EHS	BG214	44	BG2147	1/2THH	3/8	зтнн	5/8TBE	E&J	
INCLUDED	675'	1025'	12		6	6		12	9		P
ANCHORS &	GAC5655TC	P AG	(1GGX	В	GK2GGX	CPC1/1.	.25	TBS	AFETY	15/	16x16PP
GROUNDING INCLUDED	3		1		3	3			3		1

170'	RO	HN	65G
All n	rtc	chav	vn in

table are included when ordering Part No: 65G110R170

168′	180'TOWER 44.1 OR 35.9 221' 19.8
112′	3/8" EHS (1,540#)
56′	1/4"EHS (665#)
	P/N: 65G110R180

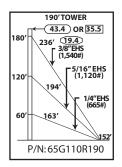
TOWER PARTS	65G	65	TGH	6520G	APL4H	IA	GA6	65GD		FDNS ANCHOI
INCLUDED	1		1	8	1			3	CB3G	AB3
GUYS &	142261	1/4EHS	BG214	14 BG2147	1/2THH	3/8	THH	5/8TB	E&J	
CONNECTIONS INCLUDED	725'	1075'	12	6	6		12	9		
ANCHORS & GROUNDING	GAC5655TC	DP AGK	1GGX	BGK2GGX	CPC1/1	.25	TBS	AFETY	15/1	6x16PP
INCLUDED	3		1	3	3			3		1

180' ROHN65G All parts shown in table are included when ordering

Part No: 65G110R180

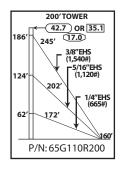


### STANDARD DESIGN - 65G 110MPH REV. G, 90MPH REV. F



						_
TOWER PARTS	65TGH	6520G	APL4HA	GA65GD	FDNS BASE ANCHO	R
INCLUDED	1	9	1	3	CB4G AB4	
	142261	142265	1/4EHS	BG2144	BG2146	
GUYS & CONNECTIONS	750'	625'	525'	6	6	
INCLUDED	BG2147	5/8TBE&J	1/2THH	7/16THH	3/8THH	Р
	6	9	6	6	6	
ANCHORS & GROUNDING	GAC5655TOP	AGK1GGX	BGK2GGX	CPC1/1.25	TBSAFETY	15/16x16PP
INCLUDED	3	1	3	6	3	1

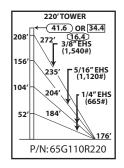
#### 190' ROHN 65G All parts shown in table are included when ordering Part No: 65G110R190



TOWER PARTS	65G	65TGH	6520G	APL4HA	GA65GD		ONS ANCHO
INCLUDED	4	4	0	4	2		
	1	1	9	1	3	CB4G	AB4
GUYS & CONNECTIONS	142261	142265	1/4EHS	BG2144	BG2146		
	800'	650'	550'	6	6		
INCLUDED	BG2147	5/8TBE&J	1/2THH	7/16THH	3/8THH		
	6	9	6	6	6		
ANCHORS & GROUNDING INCLUDED	GAC5655TOP	AGK1GGX	BGK2GGX	CPC1/1.25	TBSAFETY	15/16	x16PP
	3	1	3	3	3		1

200' ROHN 65G
All parts shown in
table are included
when ordering

Part No: 65G110R200



240'TOWER

58

01' (15.8) 3/8" EHS (1,540#)

P/N:65G110R240

TOWER PARTS	65G	65TGH	6520G	APL4HA	GA65GD		DNS ANCHOR
INCLUDED	1	1	10	1	4	CB4G	AB4
	142261	142265	1/4EHS	BG2144	BG2146		
GUYS & CONNECTIONS	875'	750'	1250'	12	6		
INCLUDED	BG2147	5/8TBE&J	1/2THH	7/16THH	3/8THH		
	6	12	6	6	12		
ANCHORS & GROUNDING	GAC5655TOP	AGK1GGX	BGK2GGX	CPC1/1.25	TBSAFETY	15/16	x16PP
INCLUDED	3	1	3	3	3		1

220 KUHN 65G
All parts shown in
table are included
when ordering
Part No: 65G110R220

220/ DOUNGEO

TOWER PARTS	65G	65TGH	6520G	APL4HA	GA65GD		DNS ANCHOR
INCLUDED	1	1	11	1	4	CB4G	AB4
	142261	142265	1/4EHS	BG2144	BG2146		
GUYS & CONNECTIONS	975'	825'	1375'	12	6		
INCLUDED	BG2147	5/8TBE&J	1/2THH	7/16THH	3/8THH		
	6	12	6	6	12		
ANCHORS & GROUNDING	GAC5655TOP	AGK1GGX	BGK2GGX	CPC1/1.25	TBSAFETY	15/16	x16PP
GROUNDING							

3

**INCLUDED** 

#### 240' ROHN 65G

1

3

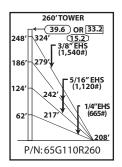
All parts shown in table are included when ordering Part No: 65G110R240



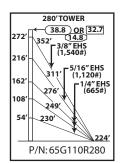
3



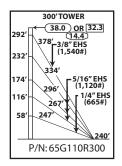
### STANDARD DESIGN - 65G 110MPH REV. G, 90MPH REV. F



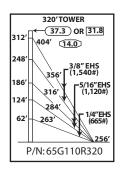
TOWER PARTS	65G	65TGH	6520G	APL4HA	GA65GD	FDNS BASE ANCHO	PR
INCLUDED	1	1	12	1	4	CB5G AB5	
	142261	142265	1/4EHS	BG2144	1/2THH	260	_ )' ROHN 65G
GUYS & CONNECTIONS	1050'	1675'	700'	6	6		parts shown in e are included
INCLUDED	7/16THH	3/4TBE&J	3/8THH	BG2146	BG2147	I	hen ordering No: 65G110R260
	12	12	6	12	6	ruit	
ANCHORS & GROUNDING	GAC5755TOP	AGK1GGX	BGK2GGX	CPC1.5/2	TBSAFETY	15/16x16PP	
INCLUDED	3	1	3	3	3	1	



TOWER PARTS	65G	65TGH	6520G	APL4HA	GA65GD		ONS ANCHOR	
INCLUDED	1	1	13	1	5	CB5G		
	142261	142265	1/4EHS	BG2144	BG2146		280	ROHN 65G
GUYS & CONNECTIONS	1125'	1000'	2450'	18	6			arts shown in
INCLUDED	BG2147	7/16THH	3/4TBE&J	3/8THH	1/2THH		wh	en ordering
	6	6	15	18	6			10. 03011011200
ANCHORS & GROUNDING	GAC5755TOP	AGK1GGX	BGK2GGX	CPC1.5/2	TBSAFETY	15/16	x16PP	
INCLUDED	3	1	3	6	3		1	



TOWER PARTS	65G	65TGH	6520G	APL4HA	GA65GD		ONS ANCHOR	
INCLUDED	1	1	14 1		5	CB5G	AB5	
	142261	142265	1/4EHS	BG2144	BG2146		300′	ROHN 65G
GUYS & CONNECTIONS	1225'	2875'	800'	6	18		All p	arts shown in
INCLUDED	BG2147	3/4TBE&J	1/2THH	7/16THH	3/8THH		wh	en ordering o: 65G110R300
	6	15	6	18	6		Part N	0: 65G110K300
ANCHORS & GROUNDING	GAC5755TOP	AGK1GGX	BGK2GGX	CPC1.5/2	TBSAFETY	15/16x	(16PP	
INCLUDED	3	1	3	3	3	1	1	



TOWER PARTS	65G	65TGH	6520G	APL4HA	GA65GD		ONS ANCHOR	R
INCLUDED	1	1	15	1	5	CB6G	AB6	
	142261	142265	1/4EHS	BG2144	BG2146		220	rohn 65G
GUYS & CONNECTIONS	2425'	1925'	850'	6	12		All p	arts shown in
INCLUDED	BG2147	3/4TBE&J	1/2THH	7/16THH	3/8THH		wh	e are included nen ordering
	12	15	12	12	6		Part N	lo: 65G110R320
ANCHORS & GROUNDING	GAC5755TOP	AGK1GGX	BGK2GGX	CPC1.5/2	TBSAFETY	15/16x	16PP	
INCLLIDED	2	1	3	3	3	1		

GA65GD BASE INNER OUTER ANCHOR

CB7G AB3

BG2147

12

6

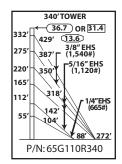
BG2146

18

3/8THH

6

### **STANDARD DESIGN - 65G** 110 MPH REV. G, 90MPH REV. F



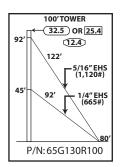
TOWER PARTS	65G	65TGH	6520G	APL4HA
INCLUDED	1	1	16	1
	142261	142265	1/4EHS	BG2144
GUYS &	2600'	2600'	350'	6
INCLUDED	3/4TBE&J	5/8TBE&J	1/2THH	7/16THH
	12	6	12	18
	GAC5655TOP	GAC5755TOP	AGK1GGX	BGK2GGX
ANCHORS & GROUNDING	3	3	2	3
INCLUDED	CPC1/1.25	CPC1.5/2	TBSAFETY	15/16x16PP
	3	3	6	1

All parts shown in table are included when ordering Part No: 65G110R340

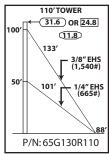
AB5



### STANDARD DESIGN - 65G 130 MPH REV. G, 110MPH REV. F

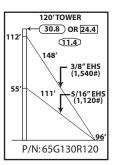


TOWER PARTS	65G	65	GTH	6520G	GA65GI	0	AP	L4HA		NS ANCHOF	R
INCLUDED 1			1	4	2		1		CB2G	AB3	100/ DOUN 656
GUYS & CONNECTIONS	142265	1/4EHS	BG214	6 BG2144	5/8TBE&J	3/8T	ГНН	7/16TH	Н		dll parts shown in
INCLUDED	400'	300'	6	6	6	6	6	6			table are included when ordering
	GAC5655T0	OP AG	(1GGX	BGK2GGX	CPC1/1.	25	TBS	AFETY	15/16×	(16PP	Part No: 65G130R100
GROUNDING INCLUDED	3		1	3	3			3	1		



TOWER PARTS	65TGH		65	20G	,	APL4HA	GA65G	D		DNS ANCHO	DR	
INCLUDED	1		5			1	2		CB2G	AB3		
GUYS & CONNECTIONS	142261	1/4E	EHS	BG214	7	BG2144	1/2THH	3/8	ТНН	5/8TBE	E&J	
INCLUDED	425'	32	25'	6		6	6		6	6		
ANCHORS & GROUNDING	GAC5655T	OP A	AGK	1GGX	В	GK2GGX	CPC1/1	.25	TBSA	AFETY	15/1	6x16PP
INCLUDED	3			1		3	3		3			1

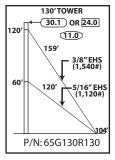
#### 110' ROHN 65G All parts shown in table are included when ordering Part No: 65G130R110



TOWER PARTS	65G	6	5TGH		6520G	APL4H	Α	GA	65GD		DNS ANCHOR
INCLUDED	1		1		5	1			2	CB3G	AB3
GUYS & CONNECTIONS	142261	14226	BG214	17	BG2146	7/16THH	1/2	THH	5/8TB	E&J	
INCLUDED	475'	375'	6		6	6		6	6		
	GAC5655T0	OP AGI	K1GGX	В	GK2GGX	CPC1/1.	.25	TBS	AFETY	15/1	6x16PP
GROUNDING INCLUDED	3		1		3	3			3		1

1	2	0'	RO	HN	6	5 G
,	١I	n	artc	chai	w	in

All parts shown in table are included when ordering Part No: 65G130R120



TOWER PARTS	65TGH	6	520G		APL4HA	GA65G	D		DNS ANCHO	)R	
INCLUDED	1		6		1	2		CB3C	AB3		
GUYS &	142261	14226	2265 BG214		BG2146	7/16THH	1/2	ТНН	5/8TBE	E&J	
CONNECTIONS INCLUDED	525'	400'	00' 6		6	6		6	6		
	GAC5655T	OP AG	K1GGX	В	GK2GGX	CPC1/1	.25	TBS	AFETY	15/	16x16PP
GROUNDING INCLUDED	3		1		3	3			3		1

130' ROHN 65G
All parts shown in
table are included
when ordering

Part No: 65G130R130

	140'TOWER						
	← 29.5 OR 23.6						
129′	10.6						
171′ 3/8″EHS (1,540#)							
86′	5/16" EHS (1,120#)						
	141′ Γ <sup>3/16</sup> ″EHS (399#)						
	1 1 1 1 1 1 1 1 1						
43′	120'						
	<b>*</b>						
—	3112						
	P/N:65G130R140						

	TOWER PARTS	65G	65TGH	6520G	APL4HA	GA65GD		NS ANCHOR	
	INCLUDED	1	1	6	1		CB3G		
		142261	142265	3/16EHS	BG2147	BG2146			
	GUYS & CONNECTIONS	550'	450'	400'	6	6			
	INCLUDED	BG2142	5/8TBE&J	1/2THH	7/16THH	5/16THH			
		6	9	6	6	6			
		GAC5655TOP	AGK1GGX	BGK2GGX	CPC1/1.25	TBSAFETY	15/10	6x16PP	
	GROUNDING INCLUDED	3	1	3	3	3		1	

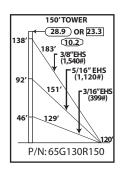
#### 140' ROHN 65G

All parts shown in table are included when ordering Part No: 65G130R140



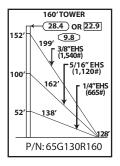


### STANDARD DESIGN - 65G 130MPH REV. G, 110MPH REV. F



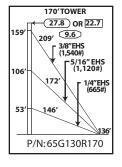
TOWER PARTS	65TGH	6520G	APL4HA	GA65GD	FDNS BASE ANCHO	ıR
INCLUDED	1	7	1	3	CB3G AB4	
	142261	142265	3/16EHS	BG2147	BG2146	
GUYS & CONNECTIONS	600'	500'	425'	6	6	
INCLUDED	BG2142	5/8TBE&J	1/2THH	7/16THH	5/16THH	
	6	9	6	6	6	
	GAC5655TOP	AGK1GGX	BGK2GGX	CPC1/1.25	TBSAFETY	15/16x16PP
GROUNDING INCLUDED	3	1	3	3	3	1

150' ROHN 65G All parts shown in table are included when ordering Part No: 65G130R150



TOWER PARTS	65G	65TGH	6520G	APL4HA	GA65GD		ONS ANCHOR
INCLUDED	1	1	7	1	3	CB4G	
	142261	142265	1/4EHS	BG2147	BG2146		
GUYS & CONNECTIONS	650'	525'	450'	6	6		
INCLUDED	BG2144	5/8TBE&J	1/2THH	7/16THH	3/8THH		
	6	9	6	6	6		
ANCHORS &	GAC5655TOP	AGK1GGX	BGK2GGX	CPC1/1.25	TBSAFETY	15/1	6x16PP
GROUNDING INCLUDED	3	1	3	3	3		1

160' ROHN 65G All parts shown in table are included when ordering Part No: 65G130R160



TOWER PARTS	65TGH	6520G	APL4HA	GA65GD	BASE ANCHO	PR
INCLUDED	1	8	1	3	CB4G AB4	
GUYS & CONNECTIONS INCLUDED	142261	142265	1/4EHS	BG2147	BG2146	17
	675'	550'	475'	6	6	A ta
	BG2144	5/8TBE&J	1/2THH	7/16THH	3/8THH	Par
	6	9	6	6	6	
	GAC5655TOP	AGK1GGX	BGK2GGX	CPC1/1.25	TBSAFETY	15/16x16PP
GROUNDING INCLUDED	3	1	3	3	3	1

	180'TOWER
168′	27.4 OR 22.4 221' 9.4 3/8"EHS (1,540#)
112′	75/16″EHS (1,120#)
56′	155'
	P/N:65G130R180

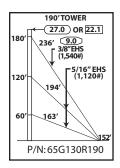
TOWER PARTS	65G	65TGH	6520G	APL4HA	GA65GD		NS ANCHOR	
INCLUDED	1	1	8	1	3	CB4G	AB4	
	142261	142265	BG2147	BG2146			1	
GUYS & CONNECTIONS	725'	1075'	6	12				
INCLUDED	5/8TBE&J	1/2THH	7/16THH	TBSAFETY			ta Pa	
	9	6	12	3		_	1 (	
ANCHORS & GROUNDING	GAC5655TOP	AGK1GGX	BGK2GGX	CPC1/1.25	15/16x16P	Р		
INCLUDED	3	1	3	3	1			

### 70' ROHN 65G

All parts shown in ble are included when ordering rt No: 65G130R170

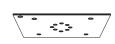
180' ROHN 65G
All parts shown in
table are included
when ordering
Part No: 65G90R180

### STANDARD DESIGN - 65G 130 MPH REV. G, 110MPH REV. F



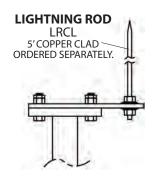
TOWER PARTS	65TGH	65	20G	APL4HA	GA65G	D		DNS ANCHO	DR.	
INCLUDED	1		9	1	3		CB4G	AB4		190' ROHN 65G All parts shown in
GUYS &	142261	142265	BG214	7 BG2146	7/16THH	1/2	ТНН	5/8TBE	E&J	table are included
CONNECTIONS INCLUDED	750'	1150'	6	12	12		6	9		when ordering Part No: 65G130R190
	GAC5655T0	OP AGK	1GGX	BGK2GGX	CPC1/1.	25	TBS	AFETY	15/16x16PP	
GROUNDING INCLUDED	3		1	3	3			3	1	

### PARTS & ACCESSORIES



#### LEG MOUNTED BEACON PLATE KIT APL4HA

FOR MOUNTING BEACON OR LIGHTNING ROD. BOLTS TO TOP OF STANDARD SECTION. INCLUDES BEACON PLATE, (2) CAP PLATES, NUTS AND BOLTS.



# LIGHTNING ROD PLATE KIT

VW133 INCLUDES: LIGHTNING ROD PLATE, (2) CAP PLATES, NUTS AND BOLTS.



#### **CAP PLATE KIT**

CP4A
(3) CAP PLATES WITH NUTS AND BOLTS.



#### 10'TAPERED BASE

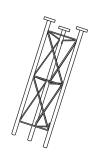
65TGH\*
FOR USE WITH 15/16X16PP,
ORDERED SEPARATELY.



#### PIER PIN

15/16X16PP FOR USE WITH 65TGH EMBEDDED IN CONCRETE.

PIER PIN MUST BE ORDERED SEPARATELY, UNLESS BEING PURCHASED AS PART OF A COMPLETE TOWER KIT.



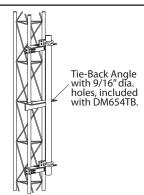
### 5' SHORT BASE

SB65GH FOR EMBEDMENT IN CONCRETE.



#### **SIDE ARM ASSEMBLY**

SA253UA MOUNTING TUBE PROVIDED IS 3'LONG, 2 1/4" O.D.



#### **FACE DISH MOUNT**

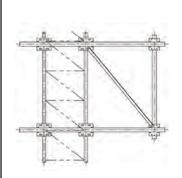
DM654 4 1/2" O.D. X 5' LONG

DM654TB 4 1/2" O.D. X 5' LONG WITH TIE-BACK ANGLE.



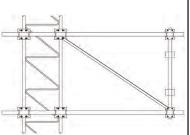
#### **DISH MOUNT**

KY509 - 2 3/8" O.D. MAST KY510 - 4 1/2" O.D. MAST MOUNTING TUBE PROVIDED IS 5'LONG.



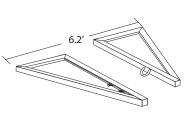
### 3' SIDE ARM

KH6100A MOUNTING TUBE PROVIDED IS 7'LONG, 2 3/8" O.D.



#### 6' SIDE ARM

KY1048A MOUNTING TUBE PROVIDED IS 5'LONG, 2 3/8"O.D.



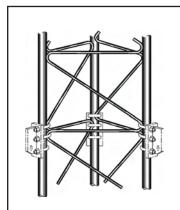
#### **HOUSE BRACKET**

KH1014

ADJUSTABLE TO POSITION 65G 18" - 30" FROM WALL.

<sup>\*</sup> TOWERS MOUNTED ON THESE BASES MUST BE BRACKETED OR GUYED AT ALL TIMES. TEMPORARY STEEL GUYING MAY ALSO BE NECESSARY DURING INSTALLATION AND DISMANTLING.

# PARTS & ACCESSORIES



GUY BRACKET ASSEMBLY
GA65GD
KIT INCLUDES (3) BRACKETS WITH
U-BOLTS.



ANTI-CLIMB PANELS VW915A THREE ANTI-CLIMB PANELS BOLT TO STANDARD TOWER SECTION.



WORK PLATFORM WPCC65 SNAPS INTO PLACE AT ANY LEVEL. NO BOLTS REQUIRED.



CLIMBING HARNESS TTFBH-4D JOURNEYMAN HARNESS TTFBH-C/P PROFESSIONAL HARNESS



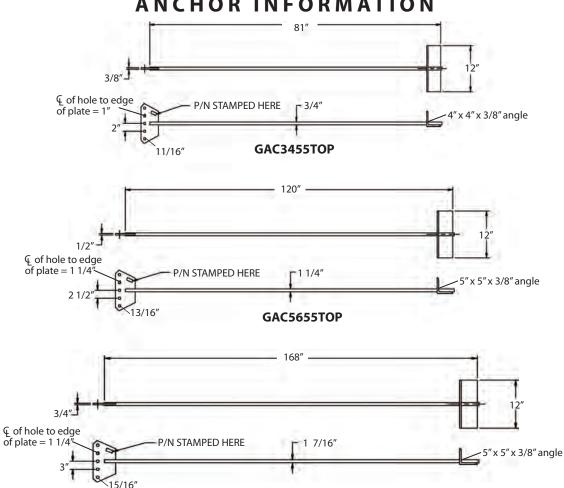
SAFETY CABLE SLIDER WITH CARABINEER TT-WG-500-W/SMC

# SAFETY CABLE SYSTEM ORDERING INFORMATION

TOWER HEIGHT	PART NUMBER
50′	TT05065
100′	TT10065
150′	TT15065
200'	TT20065
250′	TT25065
300'	TT30065
350′	TT35065
400'	TT40065
450'	TT45065
500′	TT50065

SAFETY CABLE SLIDER AND CLIMBING HARNESS MUST BE ORDERED SEPARATELY.

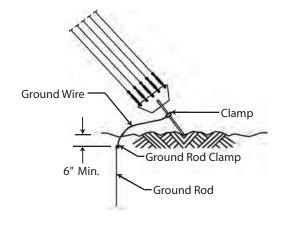
### **ANCHOR INFORMATION**

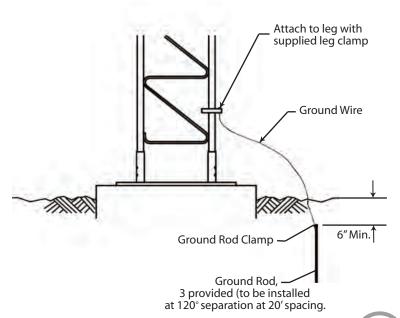


GAC5755TOP

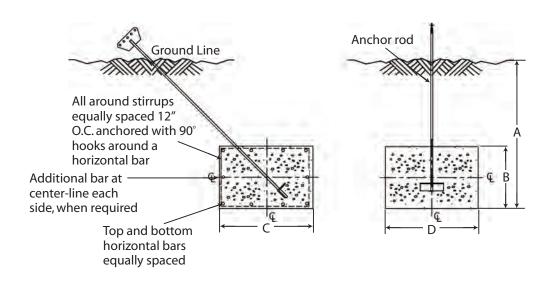








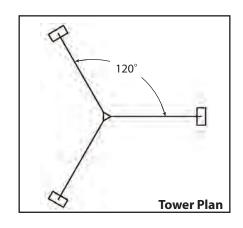
### STANDARD ANCHOR BLOCKS

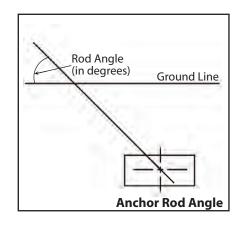


### Refer to page 145 for anchor rod installation angles.

Block	Anchor Dimensions (in.)			ns (in.)	Horizontal Bars	Stirrup Size	Concrete Vol.	
DIOCK	A B C D (Qty. & Size)				(Qty. & Size)	& Spacing	Concrete Vol. (Cu. Yds.)	
AB2	4'-0"	1' - 6"	4' - 0"	6'-0"	(5) #6 Bars, Top Layer (5) #6 Bars, Bottom Layer (0) Additional Bar, Each Side	#3 @ 12" O.C.	1.33 Per Block 4.0 Total for 3	
AB3	6'-0"	1'-6"	3'-0"	6' - 0"	(4) #6 Bars, Top Layer (4) #6 Bars, Bottom Layer (0) Additional Bar, Each Side	#3 @ 12" O.C.	1.0 Per Block 3.0 Total for 3	
AB4	6' - 0"	1'-6"	4' - 0"	9'-0"	(5) #6 Bars, Top Layer (5) #6 Bars, Bottom Layer (0) Additional Bar, Each Side	#4 @ 12" O.C.	2.0 Per Block 6.0 Total for 3	
AB5	8'-0"	2'-0"	3'-0"	10' - 0"	(4) #7 Bars, Top Layer (4) #7 Bars, Bottom Layer (1) Additional Bar, Each Side	#4 @ 12" O.C.	2.22 Per Block 6.7 Total for 3	
AB6	8'-0"	2'-0"	4'-0"	10' - 0"	(5) #7 Bars, Top Layer (5) #7 Bars, Bottom Layer (1) Additional Bar, Each Side	#4 @ 12″ O.C.	2.96 Per Block 8.9 Total for 3	

# ANCHOR ROD INSTALLATION ANGLES



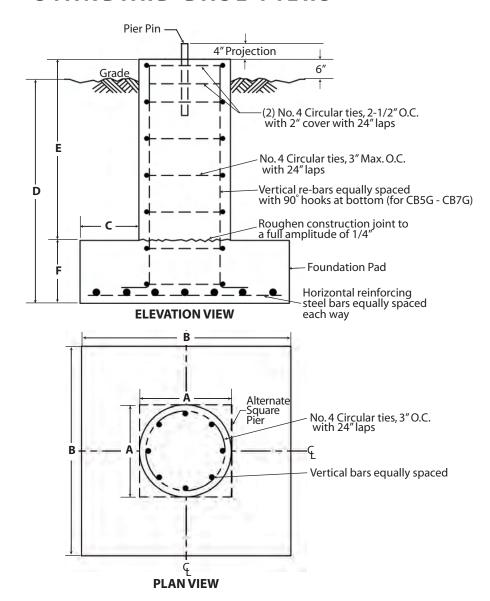


65G   90MPH							
Tower Height	Inner Rod Number	Inner Rod Angle	Outer Rod Number	Outer Rod Angle			
100′	GAC3455TOP	44	-	-			
110′	GAC3455TOP	44	-	-			
120′	GAC3455TOP	44	-	-			
130′	GAC3455TOP	44	-	-			
140′	GAC3455TOP	42	-	-			
150′	GAC3455TOP	42	-	-			
160′	GAC5655TOP	42	-	-			
170′	GAC5655TOP	41	-	-			
180′	GAC5655TOP	41	-	-			
190′	GAC5655TOP	41	-	-			
200′	GAC5655TOP	41	-	-			
220′	GAC5655TOP	40	-	-			
240′	GAC5655TOP	39	-	-			
260′	GAC5655TOP	39	-	-			
280′	GAC5655TOP	38	-	-			
300′	GAC5655TOP	38	-	-			
320′	GAC5655TOP	38	-	-			
340′	GAC3455TOP	43	GAC5655TOP	43			
360′	GAC3455TOP	43	GAC5655TOP	43			
380′	GAC3455TOP	43	GAC5655TOP	43			
400′	GAC3455TOP	40	GAC5655TOP	44			
420′	GAC5655TOP	40	GAC5655TOP	43			
440′	GAC5655TOP	40	GAC5655TOP	43			
460′	GAC5655TOP	40	GAC5755TOP	42			
480′	GAC5655TOP	40	GAC5755TOP	42			
500′	GAC5655TOP	39	GAC5755TOP	42			

	65G	1101	МРН	
Tower Height	Inner Rod Number	Inner Rod Angle	Outer Rod Number	Outer Rod Angle
100′	GAC3455TOP	44	-	-
110′	GAC3455TOP	43	-	-
120′	GAC5655TOP	42	-	-
130′	GAC5655TOP	42	-	-
140′	GAC5655TOP	41	-	-
150′	GAC5655TOP	41	-	-
160′	GAC5655TOP	41	-	-
170′	GAC5655TOP	40	-	-
180′	GAC5655TOP	40	-	-
190′	GAC5655TOP	40	-	-
200′	GAC5655TOP	39	-	-
220′	GAC5655TOP	39	-	-
240′	GAC5655TOP	38	-	-
260′	GAC5755TOP	38	-	-
280′	GAC5755TOP	37	-	-
300′	GAC5755TOP	37	-	-
320′	GAC5755TOP	37	-	-
340′	GAC5655TOP	43	GAC5755TOP	42

Tower Height         Rod Number         Rod Angle	65G   130MPH							
100' GAC5655TOP 42 110' GAC5655TOP 42 120' GAC5655TOP 41 130' GAC5655TOP 41 140' GAC5655TOP 40 150' GAC5655TOP 40	Tower							
110' GAC5655TOP 42 120' GAC5655TOP 41 130' GAC5655TOP 41 140' GAC5655TOP 40 150' GAC5655TOP 40	Height							
120' GAC5655TOP 41 130' GAC5655TOP 41 140' GAC5655TOP 40 150' GAC5655TOP 40	100′							
130' GAC5655TOP 41 140' GAC5655TOP 40 150' GAC5655TOP 40	110′							
140' GAC5655TOP 40 150' GAC5655TOP 40	120′							
150' GAC5655TOP 40	130′							
	140′							
160' GAC5655TOP 40	150′							
	160′							
170' GAC5655TOP 39	170′							
180' GAC5655TOP 38	180′							
190' GAC5655TOP 38	190′							

### STANDARD BASE PIERS



Base	Α	В	С	D	E	F	Concrete Vol. (Cu. Yds.) Round Pier	Vertical Bars (No. & Size)	Horiz. Bars in Pad (No. & Size)
CB2G	3'-0"	3'-0"	N/A	4'-0"	N/A	N/A	1.2	(10) #7	NONE
CB3G	3'-6"	3'-6"	N/A	4' - 0"	N/A	N/A	1.6	(12) #7	NONE
CB4G	4'-0"	4'-0"	N/A	4' - 0"	N/A	N/A	2.1	(12) #8	NONE
CB5G	2'-0"	4'-0"	1'-0"	4' - 0"	3'-3"	1'-3"	1.1	(8) #6	(5) #5 (Total of 10)
CB6G	2'-0"	4' - 6"	1'-3"	4' - 0"	3'-3"	1'-3"	1.3	(8) #6	(6) #5 (Total of 12)
CB7G	2'-0"	5'-0"	1'-6"	4' - 6"	3'-9"	1'-3"	1.6	(8) #6	(6) #5 (Total of 12)

#### GENERAL NOTES FOR G-SERIES TOWERS

- 1. The suitability of a ROHN standard design and standard foundation for a specific application must be verified by the purchaser based on site-specific data in accordance with ANSI/TIA-222-G.
- 2. The effective projected area and lines to be installed must not exceed the design values for the structure.
- 3. Structures supported on buildings or other structures require special consideration. Designs assume structures are installed on level grade.
- 4. Designs assume maintenance and inspection will be performed over the life of the structure in accordance with ANSI/TIA-222-G. All towers should be thoroughly inspected by qualified personnel and re-marked as required with appropriate danger and anti-climb labels at least twice a year to ensure safety and proper performance.
- 5. Standard Designs are intended to be climbed by skilled and competent climbers only. A safety climb system is required for all structures.
- 6. Installation and dismantling must be performed by qualified and experienced personnel and be in conformance with ANSI/TIA-222-G.
- 7. Standard guyed masts and bracketed towers are not stable without guys or brackets attached and will not support personnel in this condition. Temporary steel guys supplied by a qualified contractor may be required to maintain stability during installation or dismantling.
- 8. Do not install or dismantle structures within falling distance of electrical and/or telephone lines without taking special precautions in accordance with the appropriate utility.
- 9. All field connections are bolted.
- 10. The tolerance on installed height is equal to plus 1% and minus 1/2%.
- 11. Installation must be grounded in accordance with local and national codes. ANSI/TIA-222-G requires that the resistance to ground must not exceed 10 ohms. Additional grounding may be required in addition to the ROHN standard grounding kit provided with the tower.
- 12. Additional anchor rod corrosion protection may be required based on site-specific conditions.
- 13. Installation must be in conformance with local, state and federal requirements for obstruction marking and lighting.
- 14. Warning plate P/N: AWCS provided with the structure must be installed in a highly visible location.

### **G-SERIES FOUNDATION GENERAL NOTES**

1. Standard foundation designs (unless otherwise noted) are in accordance with ANSI/TIA-222-G, "Structural Standards for Steel Antenna Towers and Antenna Supporting Structures," Section 9 and Annex F for the following presumptive clay soil parameters:

N (blows/ft)	ф (deg)	Y (lb/ft³)	c (psf)	Ultimate Bearing (psf)		Ultimate Skin Friction	k (pci)	<b>E</b> 50
	J. 3.			Shallow Fdns.	Deep Fdns.	(psf)	,	
8	0	110	1000	5000	9000	500	150	0.01

2. The purchaser must verify that actual site soil parameters meet or exceed the assumed soil conditions and that the depth of standard foundations are adequate based on the frost penetration and/or zone of seasonal moisture variation at the site. Foundation design modifications may be required in the event the assumed soil parameters are not applicable for the actual subsurface conditions encountered.



#### **G-SERIES FOUNDATION GENERAL NOTES**

- 3. Foundation designs assume field inspections will be performed by the purchasers' representative to verify that construction materials, installation methods and assumed design parameters are acceptable based on the conditions existing at the site.
- 4. Work shall be in accordance with local codes, safety regulations and unless otherwise noted, the latest revision of ACI 318, "Building Code Requirements for Reinforced Concrete." Procedures for the protection of excavations, existing construction and utilities shall be established prior to foundation installations.
- 5. Concrete materials shall conform to the appropriate state requirements for exposed structural concrete.
- 6. Proportions of concrete materials shall be suitable for the installation method utilized and shall result in durable concrete for resistance to local anticipated aggressive actions. The durability requirement of ACI 318 Chapter 4 shall be satisfied based on the conditions expected at the site. As a minimum, concrete shall develop a minimum compressive strength of 4000 psi in 28 days.
- 7. Maximum size of aggregate shall not exceed the size suitable for the installation method utilized or 1/3 the clear distance behind or between reinforcing. Maximum size may be increased to 2/3 the clear distance provided workability and methods of consolidation such as vibrating will prevent honeycombs or voids.
- 8. Reinforcement shall be deformed and conform to the requirements of ASTM A615 Grade 60 unless otherwise noted. Splices in reinforcement shall not be allowed unless otherwise indicated.
- 9. Reinforcing cages shall be braced to retain proper dimensions during handling and throughout placement of concrete.
- 10. Welding is prohibited on reinforcing steel and embedments.
- 11. Minimum concrete cover for reinforcement shall be 3 inches unless otherwise noted. Appropriate spacers shall be used to insure a 3 inch minimum cover on reinforcement.
- 12. Concrete cover from top of foundations to ends of vertical reinforcement shall not exceed 3 inches nor be less than 2 inches.
- 13. Spacers shall be attached intermittently throughout the entire length of vertical reinforcing cages to insure concentric placement.
- 14. Foundation designs assume structural backfill to be compacted in 8 inch maximum layers to 95% of maximum dry density at optimum moisture content in accordance with ASTM D698. Additionally, structural backfill must have a minimum compacted until weight of 100 pounds per cubic foot.
- 15. Foundation designs assume level grade at the site.
- 16. Foundation installations shall be supervised by personnel knowledgeable and experienced with the proposed foundation type. Construction shall be in accordance with generally accepted installation practices.
- 17. Loose material shall be removed from bottom of excavations prior to concrete placement. Sides of excavations shall be rough and free of loose cuttings.
- 18. Concrete shall be placed in a manner that will prevent segregation of concrete materials and other occurrences which may decrease strength or durability.
- 19. Free fall concrete may be used provided fall is vertical down without hitting sides of excavation, form work, reinforcing bars, form ties, cage bracing or other obstructions. Under no circumstances shall concrete fall through water.
- 20. Concrete shall be placed against undisturbed soil except for piers in pier and pad foundations. Forms for piers shall be removed prior to placing structural backfill.
- 21. Construction joints, if required in piers must be at least 12 inches below bottom of embedments and must be intentionally roughened to a full amplitude of 1/4 inch. Foundation designs assume no other construction joints.
- 22. Tops of foundations shall be sloped to drain with a floated finished.
- 23. Exposed edges of concrete shall be chamfered 3/4" x 3/4".
- 24. Additional corrosion protection may be required for steel guy anchors in direct contact with soil. Design assumes periodic inspections will be performed over the life of the structure to determine if additional anchor corrosion protection measures must be implemented based on observed site-specific conditions.



### FOUNDATION TOLERANCES

#### GENERAL

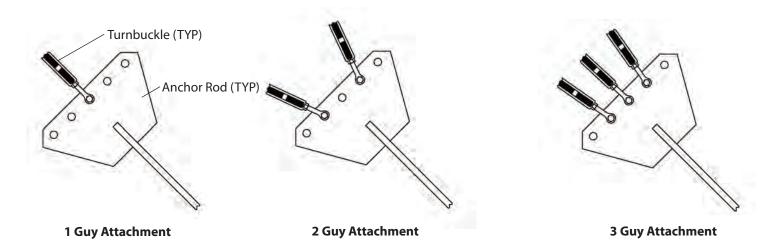
- 1. Concrete dimensions plus 2" or minus 0".
- 2. Depth of foundation plus 3" or minus 0".
- 3. Drilled foundations out-of-plumb 1.0 degree.
- 4. Reinforcing steel placement per A.C.I. 301.
- 5. Projection of embedments plus or minus 1/8".
- 6. Vertical embedments out of plumb 0.5 degree.

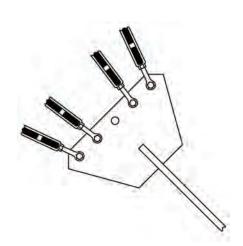
#### **GUY ANCHORS**

- 1. Guy radius plus or minus 5% of distance specified.
- 2. Anchor elevation plus or minus 5% of guy radius.
- 3. Anchor alignment (perpendicular to guy radius) 1.0 degree.
- 4. Anchor rod slope plus or minus 1.0 degree.
- 5. Anchor rod alignment with guy radius plus or minus 1.0 degree.
- 6. Anchor head out of plumb 1.0 degree.
- 7. Guy initial tension plus or minus 10% of tension specified.

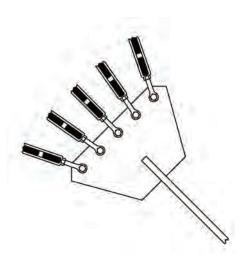
Note: Tolerances in notes 1 & 2 cannot occur simultaneously.

# **GUY ARRANGEMENT DETAILS**





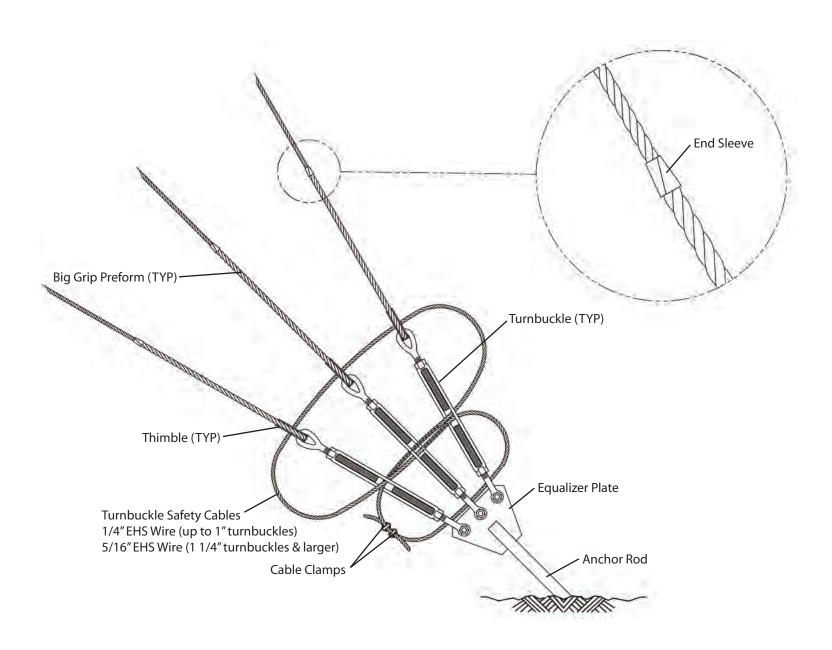




**5 Guy Attachment** 

Wire Size	Anchor Rod	Turnbuckle	Thimble	Big Grip w/ End Sleeve	
3/16 EHS	GAC3455TOP	1/2TBE&J	5/16THH	BG2142	
3/10 EH3	GAC5655TOP	5/8TBE&J	5/16THH	BG2142	
	GAC3455TOP	1/2TBE&J	3/8THH		
1/4EHS	GAC5655TOP	5/8TBE&J	3/8THH	BG2144	
	GAC5755TOP	3/4TBE&J	3/8THH		
5/16EHS	GAC3455TOP	5/8TBE&J	7/16THH		
	GAC5655TOP	5/8TBE&J	7/16THH	BG2146	
	GAC5755TOP	3/4TBE&J	7/16THH		
3/8EHS	GAC3455TOP	5/8TBE&J	1/2THH		
	GAC5655TOP	5/8TBE&J	1/2THH	BG2174	
	GAC5755TOP	3/4TBE&J	1/2THH		

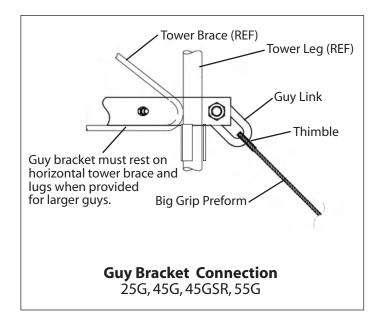
### **GUY ANCHOR CONNECTION DETAILS**

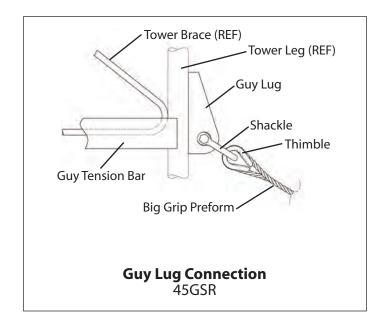


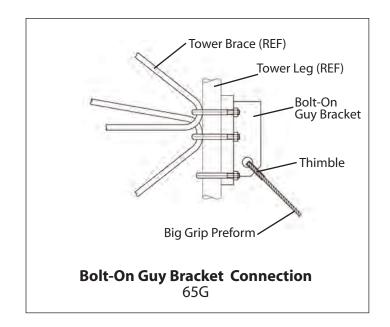
**Anchor Connection** 



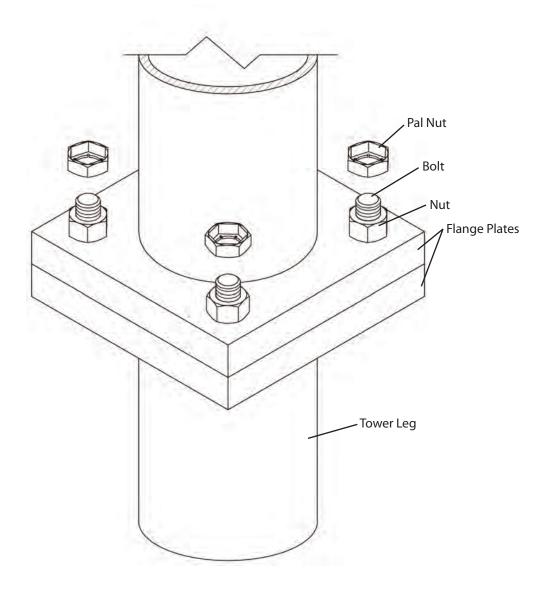
### **GUY MAST CONNECTION DETAILS**







# PAL NUT INSTALLATION



When pal nuts are provided, they are to be installed after nuts are tight and with edge lip out as shown. Pal nuts are not required when self-locking nuts or lock washers are provided.