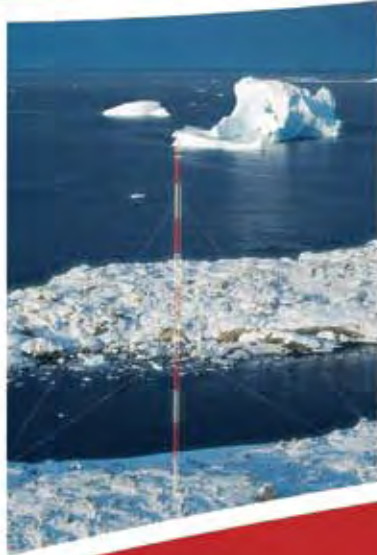


# GUYED TOWERS



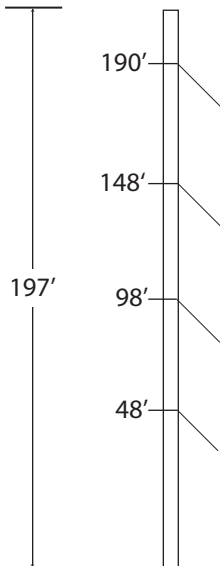


# STANDARD METEOROLOGICAL TOWERS

**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



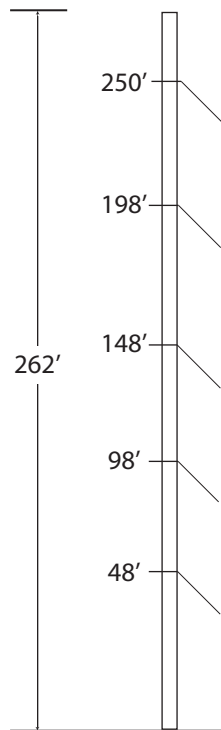
### 60MMET

- 4 Guy Elevations
- 1 Fixed Base Foundation
- 1 Anchor Radius

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



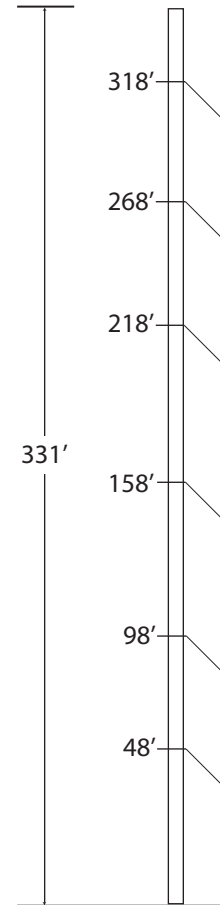
### 80MMET

- 5 Guy Elevations
- 1 Fixed Base Foundation
- 1 Anchor Radius

Boom Height	EPA / WT. (no ice)	EPA / WT. (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

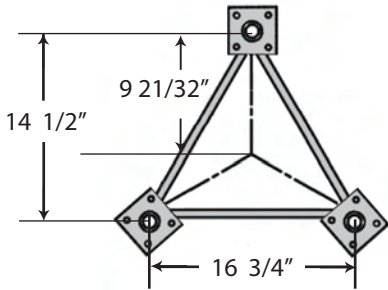
Boom Height	EPA / WT. (no ice)	EPA / WT. (3/4" radial ice)
50 m	9.00 sq. ft. / 200 lbs.	25.00 sq. ft. / 600 lbs.
75 m	9.00 sq. ft. / 200 lbs.	25.00 sq. ft. / 600 lbs.
100 m	9.00 sq. ft. / 200 lbs.	25.00 sq. ft. / 600 lbs.

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.

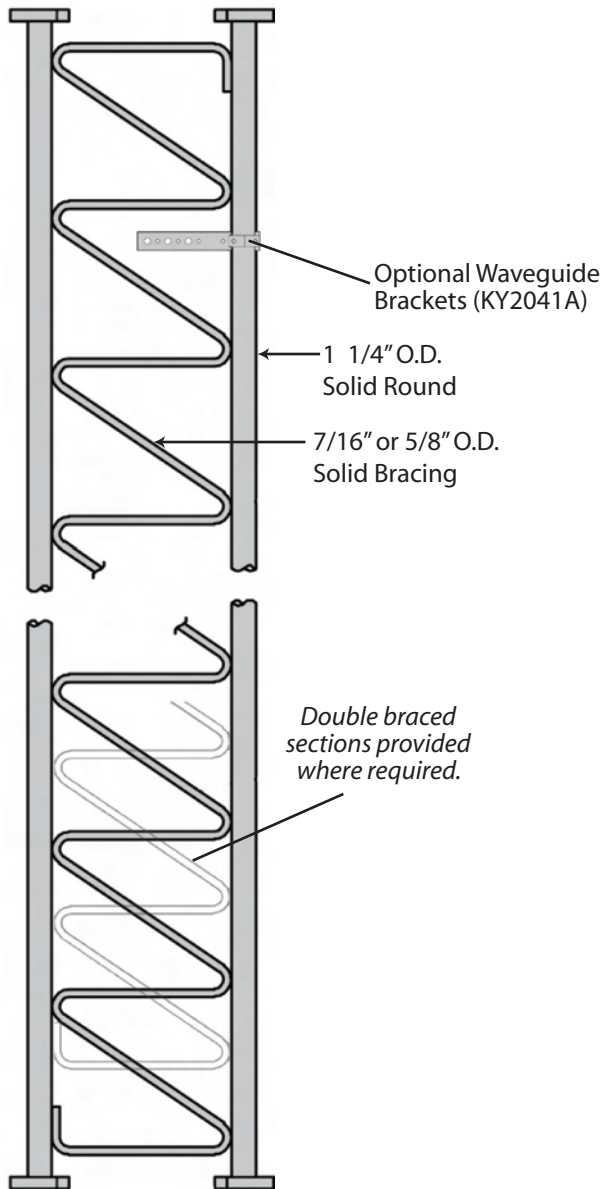


## STANDARD 45GSR METEOROLOGICAL TOWER

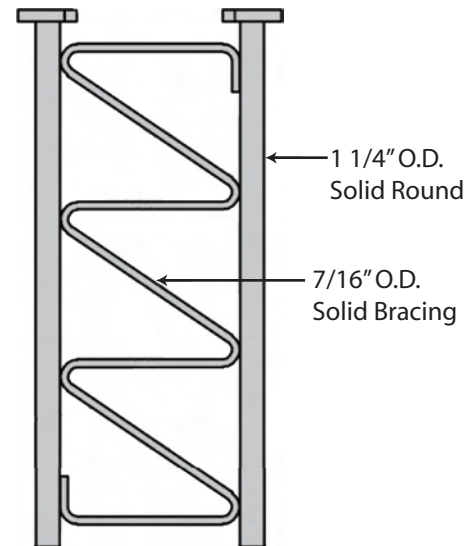


Tower Height (m)	Guy Radius (ft.) 120° separation	Base Foundation No.	Anchor Foundation No.
60	156	FB2G	AB4
80	210	FB3G	AB5
100	106 / 264	FB3G	AB2 / AB6

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.**



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



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

TO BE EMBEDDED IN CONCRETE.