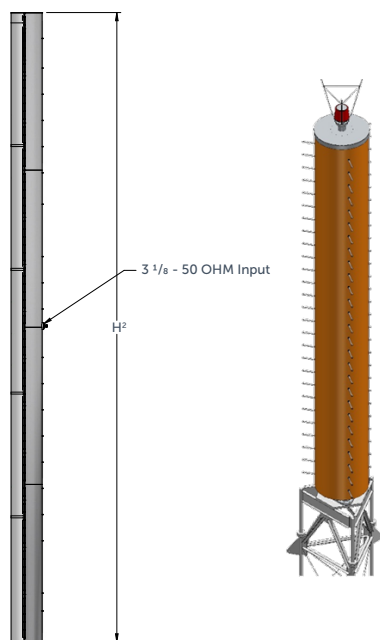
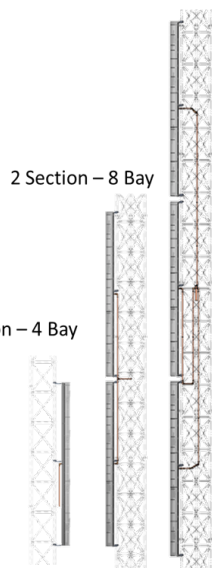


## FM PYLON ANTENNA



3 Section – 12 Bay



Our new Pylon Antenna changes the whole shape of FM transmission, offering broadcasters smaller size, lower wind load, higher reliability, and azimuth and elevation pattern flexibility.

### SPECIFICATIONS

- **VSWR:** < 1.25 : 1 (88 MHz - 108 MHz)
- **Elevation Pattern:** 4-, 8-, 12-bay configurations
- Omni & cardioid azimuth patterns available as well as custom
- **Maximum Average Power:** 30 kW per module (4-bay)
- Standard 1° electrical beam tilt, custom upon request
- H/V ratio stability across band

### Side Mount

Configuration	Max. Average Power	Peak Gain (Omnioid)	H <sub>2</sub>	EPA/Weight (lbs)
4 Bay	30 kW	7.6	40.1	51.1 ft <sup>2</sup> / 1840
8 Bay	60 kW	15.2	81.1	108.0 ft <sup>2</sup> / 3880
12 Bay	90 kW	22.8	122.2	163.8 ft <sup>2</sup> / 5920

### Top Mount (4 Around)

Configuration	Max. Average Power	RMS Gain
4 Bay	120 kW	4

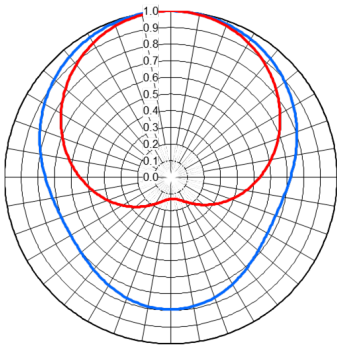
### Top Mount (3 Around)

Configuration	H <sub>2</sub>	EPA/Weight (lbs)
4 Bay	44.5	<sup>14</sup> 1.4/22,000

## FM PYLON ANTENNA

### SIDE MOUNTED

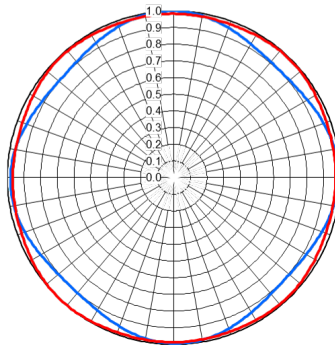
#### OMNIOID



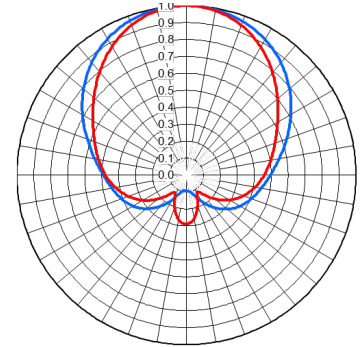
**GAINS: 1.9 HPOL**  
**2.6 VPOL**

### TOP MOUNTED

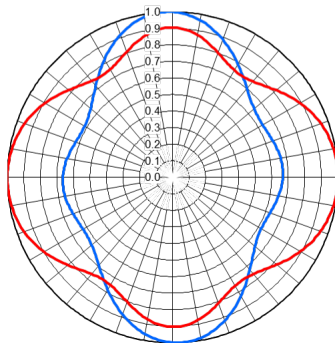
#### OMNI



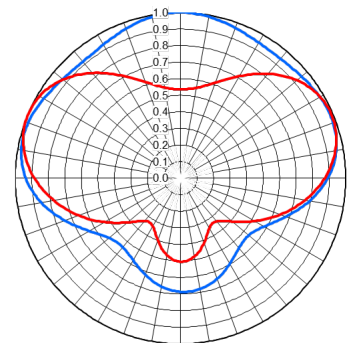
#### CARDIOID



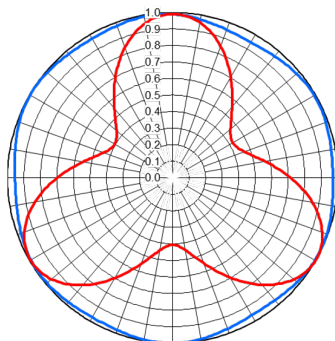
#### PEANUT



#### BROAD CARDIOID



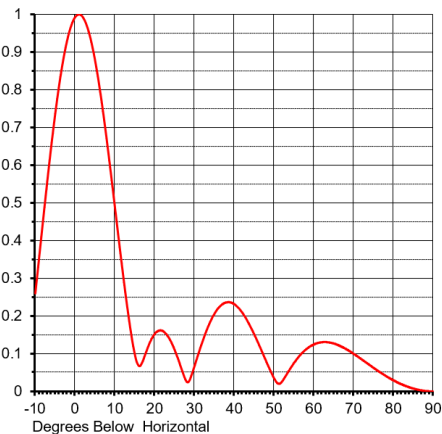
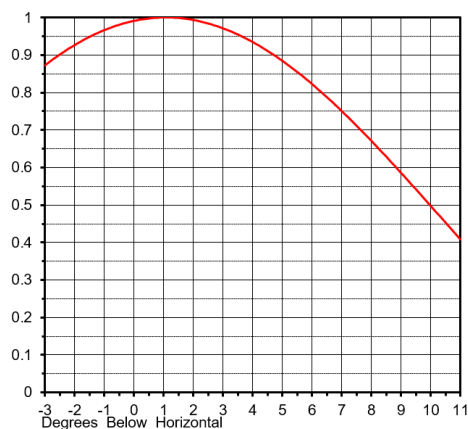
#### 3 AROUND



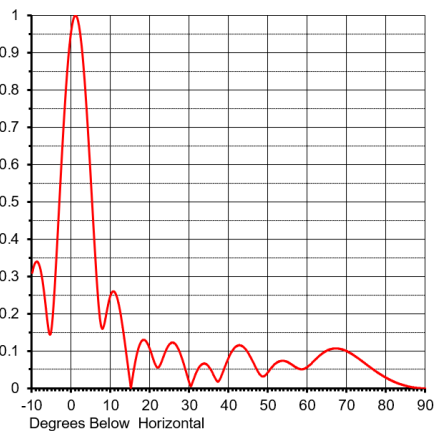
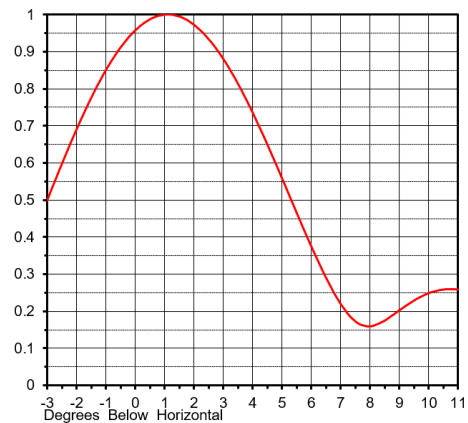
# Dielectric®

## FM PYLON ANTENNA

**4 BAY**



**8 BAY**



**12 BAY**

