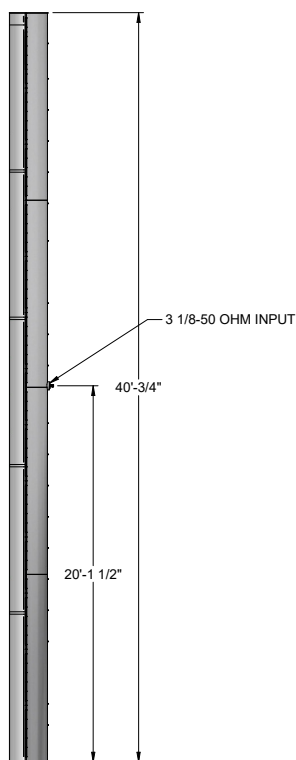


FM PYLON ANTENNA



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	RMS Gain	Peak Gain
4 Bay	30 kW	4	7.48
8 Bay	60 kW	8	14.96
12 Bay	90 kW	12	22.44

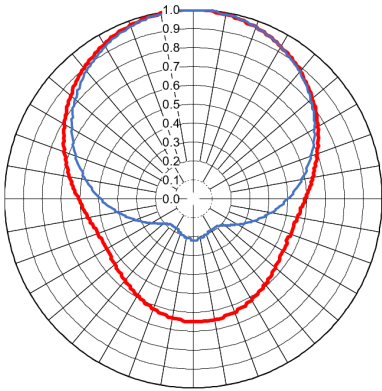
Top Mount (3 Around)

4 Bay	90 kW	4	4.6 to 7.24
8 Bay	120 kW	8	9.2 to 14.48
12 Bay	180 kW	12	13.8 to 21.72

FM PYLON ANTENNA

SIDE MOUNTED

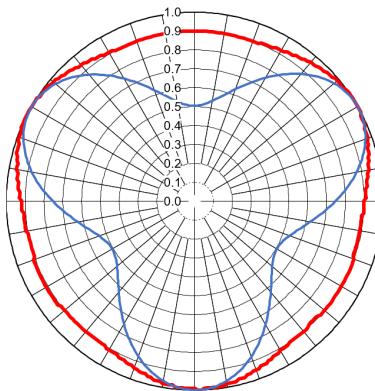
OMNIOID



GAINS: **1.87 HPOL**
2.62 VPOL

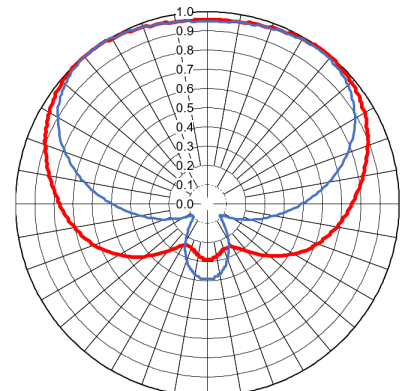
TOP MOUNTED

OMNI



GAINS: **1.15 HPOL**
1.68 VPOL

CARDIOID

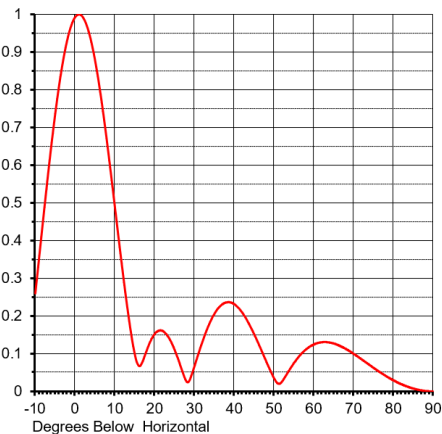
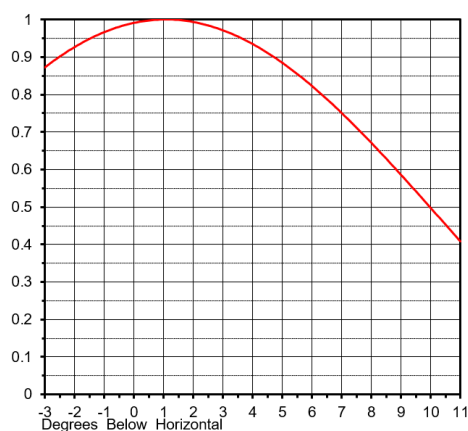


GAINS: **1.81 HPOL**
2.28 VPOL

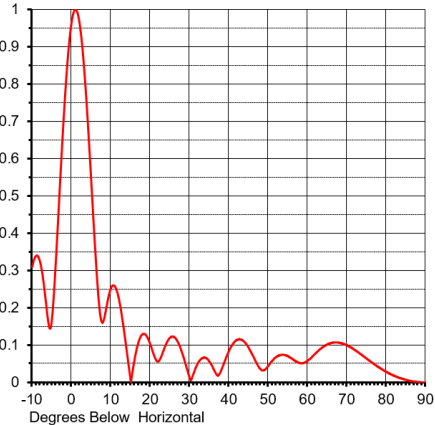
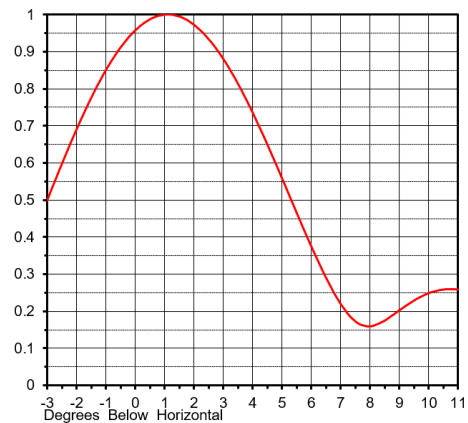
Dielectric®

FM PYLON ANTENNA

4 BAY



8 BAY



12 BAY

