

OM9-450 UHF Fiberglass Omni Antenna

OM9-450 antennas are a family of UHF Fiberglass Omni antenna for Land Mobile Radio and data radio applications. These antennas are well suited for large base station repeaters and sites.

With more than 11.5 dBi gain and a robust all weather design, they will survive the worst environments for any remote site

FEATURES

- Rugged Design, Heavy Duty fiberglass radome
- Truly Omnidirectional Radiation Pattern (360° Horizontal Beamwidth)
- Long Life: 10+ years
- High Strength Aluminum Base
- N female connector
- Includes Hot Dip Galvanized Steel Mounting Hardware
- Mounting Hardware up to 3" pipe or tower leg side mount
- Easy installation
- 50 ohms impedance
- VSWR: 1.5:1 in the full band
- 20 Mhz Bandwidth
- Split radome design for ease of shipping



Electrical Specifications

Frequency Range	406-512 Mhz
VSWR	< 1.5:1
Gain	9 dBd (11.5 dBi)
Impedance	50 ohms
Maximum Power	200 watts
Polarization	Vertical
Lightning Protection	Direct Ground
Operational Temperature	-40°C to +70°C
Horizontal Beamwidth	360°
Vertical Beamwidth	10° at 3dB HPBW

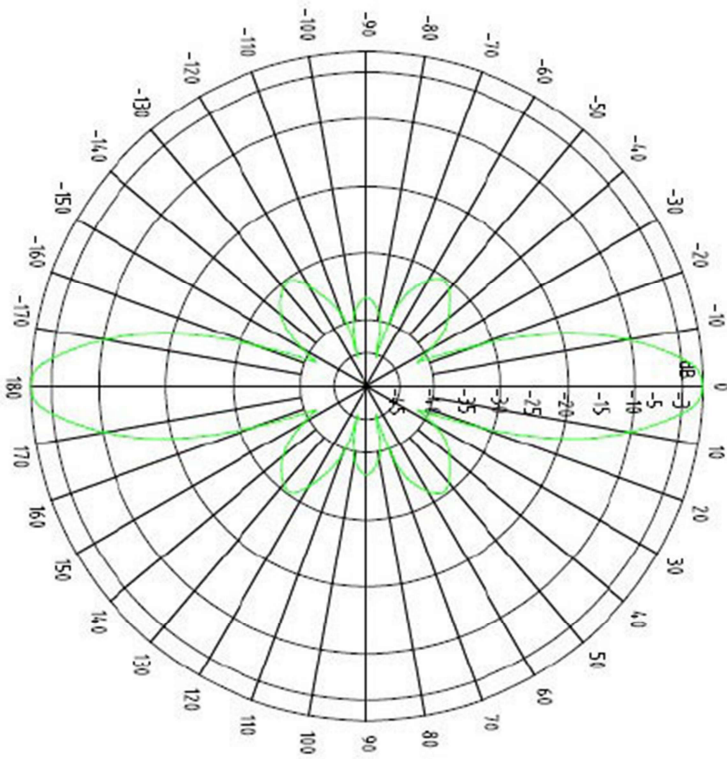
MODELS & BANDS

Model	Frequency
OM9-450-A	406-420 Mhz
OM9-450-B	420-440 Mhz
OM9-450-C	440-460 Mhz
OM9-450-D	450-470 Mhz
OM9-450-E	470-490 Mhz
OM9-450-F	490-512 Mhz

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Vertical Radiation Pattern

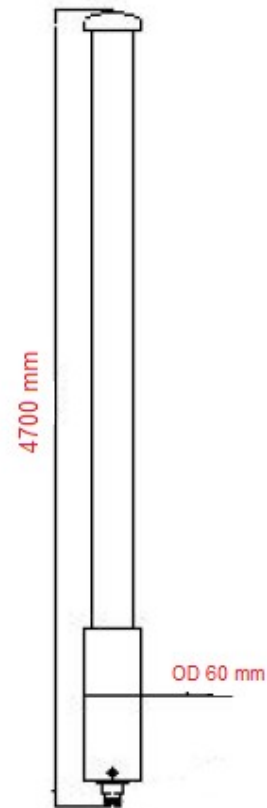
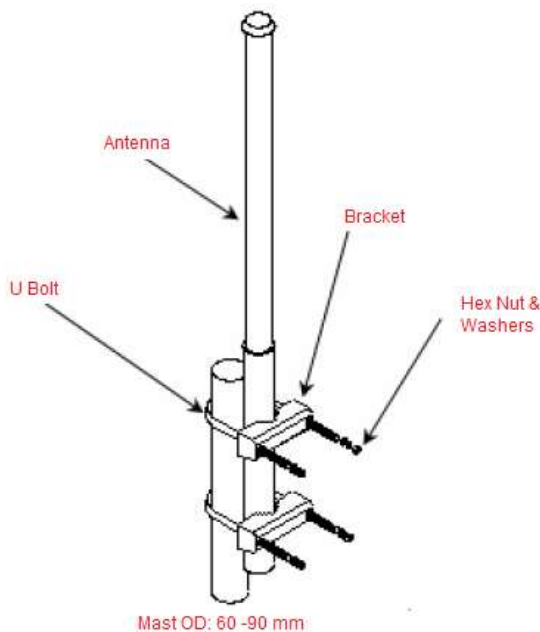


Mechanical Specifications

Length	4.7 mts
Width	60 mm
Weight	4.0 Kg
Connector	N Female
Mast Diameter	60 to 90 mm
Wind Rating (Antenna and Mount)	208 Km/hr 130 Mph
FPA Transversal Equivalent	1.02 sq. foot

Dimensions

Mounting



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