

OM10-400 UHF Fiberglass Omni Antenna

OM100-400 antennas are a family of UHF Fiberglass Omni antenna for SCADA and data radio applications. These antennas are well suited for small to large master or slave wireless SCADA sites and applications.

With more than 10 dBi gain and a robust all weather design, they will survive the worst environments for any remote site.

FEATURES

- Rugged Design
- Heavy Duty, UV Resistant Fiberglass Radome for Extreme Weather
- Truly Omnidirectional design (360° HBW)
- Center-Fed Dipole Colinear Design
- Excellent Intermodulation Performance
- Long Life: 10+ years
- Stainless Steel Base
- Stainless Steel Mounting Hardware
- Includes Mounting Hardware up to 3" pole
- Easy installation
- 50 ohms impedance
- VSWR: < 1.5:1 in the full band
- Split radome design for ease of shipping



Electrical Specifications

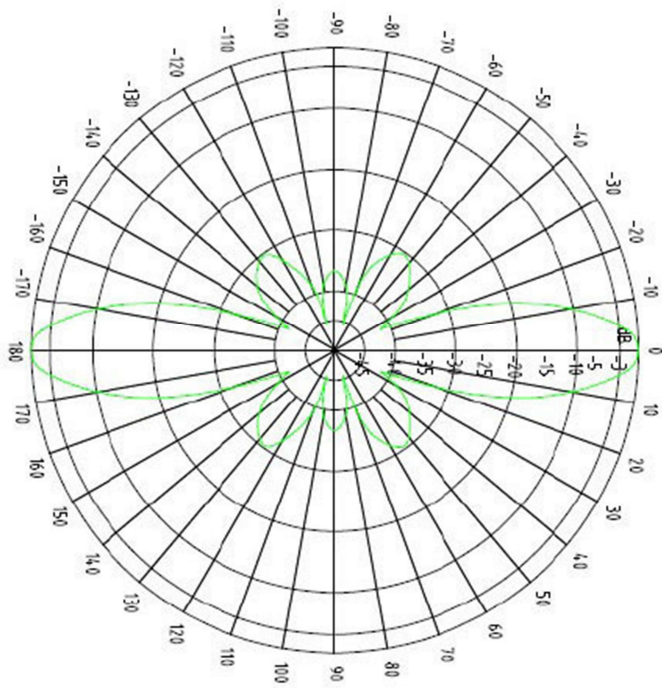
Frequency Range	370-490 Mhz
Bandwidth	24 Mhz
VSWR	< 1.5:1
Gain	10.5 dBi
Impedance	50 ohms
Maximum Power	200 watts
Polarization	Vertical
Lightning Protection	Direct Ground
Operational Temperature	-40°C to +80°C
Horizontal Beamwidth	360°
Vertical Beamwidth	10° at 3dB HPBW

MODELS & BANDS

Model	Frequency
OM10-400-A	370-390 Mhz
OM10-400-B	380-406 Mhz
OM10-400-C	406-430 Mhz
OM10-400-D	430-450 Mhz
OM10-400-E	450-470 Mhz
OM10-400-F	470-490 Mhz

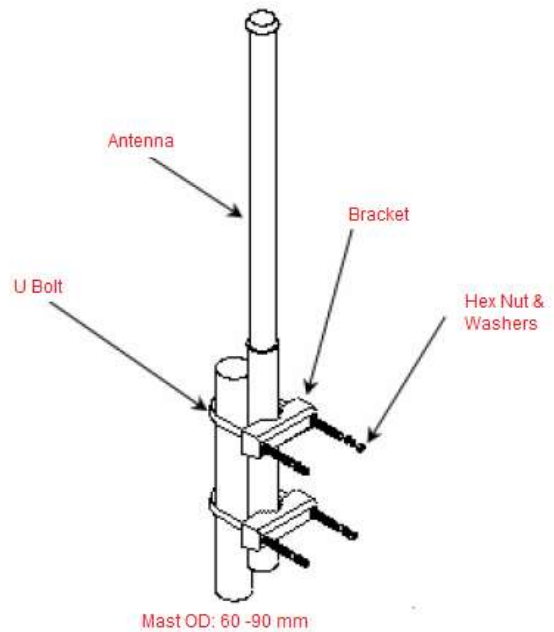
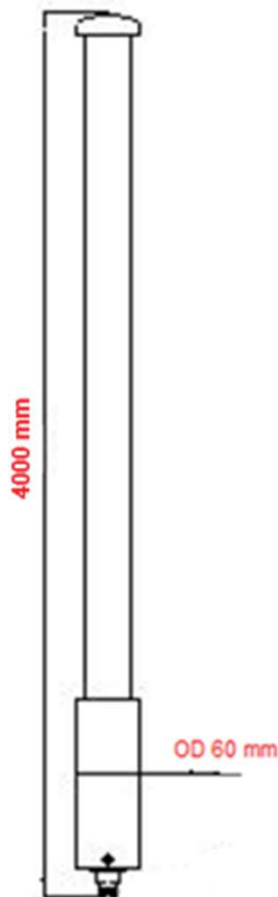
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Mechanical Specifications

Length	4000 mm
Width	60 mm
Weight	4.0 Kg
Connector	N Female / UHF Female
Mast Diameter	60 to 90 mm
Wind Rating	200 Km/hr
FPA Transversal Equivalent	1.02 sq. foot



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