

OM6N-150- VHF Fiberglass Omni Antenna

OM6N-150 antennas are a family of VHF 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 8.5 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
- 50 ohms impedance
- VSWR: 1.5:1 in the full band
- 6 Mhz Bandwidth
- Wind Survival: 201 Km/hr (125 mph)
- Split radome design for ease of shipping



Electrical Specifications

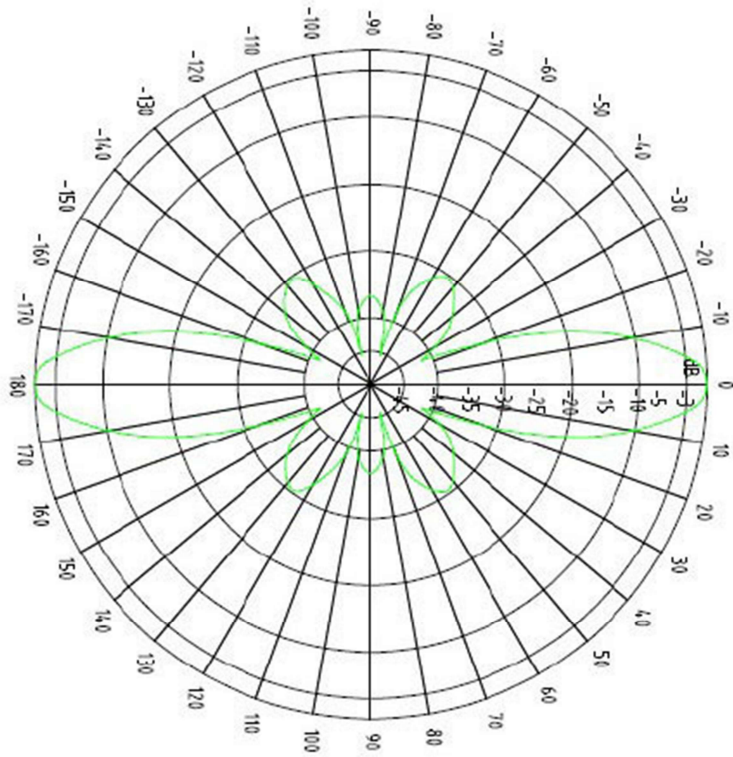
Frequency Range	136-178 Mhz
Bandwidth	6 Mhz
VSWR	< 1.5:1
Gain	6 dBd (8.5 dBi)
Impedance	50 ohms
Maximum Power	200 watts
Polarization	Vertical
Lightning Protection	Direct Ground
Operational Temperature	-40°C to +70°C
Horizontal Beamwidth	360°
Vertical Beamwidth	14.5° at 3dB HPBW
Connector	N Female
Included Cable	0.6 mts RG-8 Jumper, N Female

MODELS & BANDS

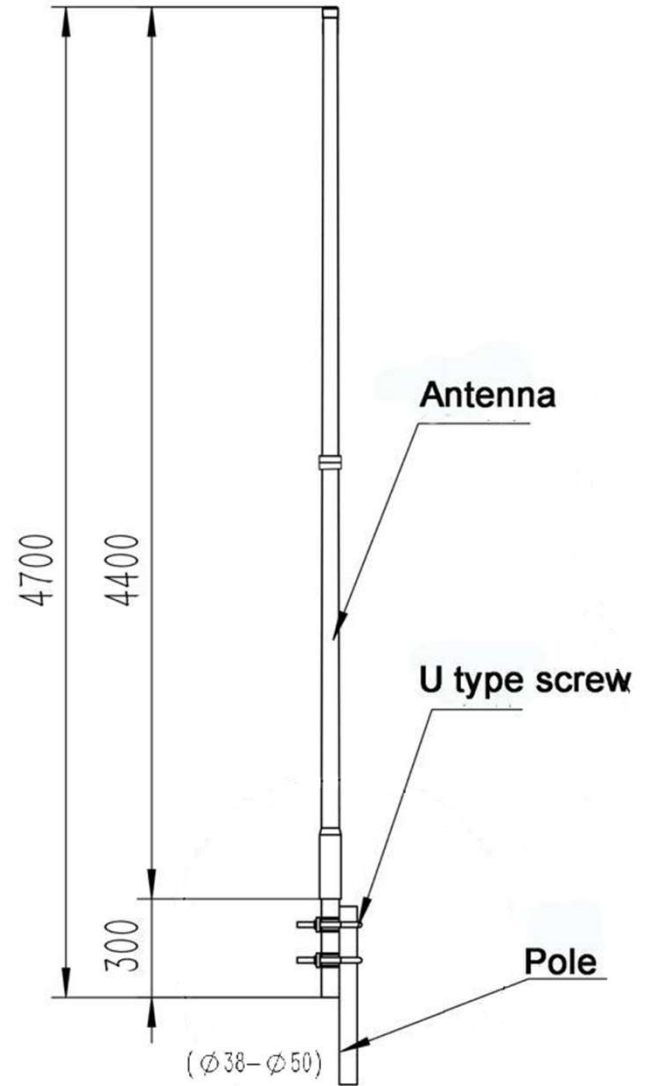
Model	Frequency
OM6N-150-A	142-148 Mhz
OM6N-150-B	150-156 Mhz
OM6N-150-C	156-162 Mhz
OM6N-150-D	162-168 Mhz
OM6N-150-E	166-172 Mhz
OM6N-150-F	172-178 Mhz
OM6N-150-G	136-142 MHz
OM6N-150-H	146-152 Mhz

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Vertical Radiation Pattern



Dimensions



Mounting

