

## OM7-150 VHF Omni Antenna

OM7-150 antennas are a family of VHF Omni antenna for Land Mobile Radio and data radio applications. These antennas are well suited for medium base station repeaters and sites.

With 7dB gain, these antennas can be adjusted to fit exact frequencies within the 3 Mhz bandwidth

### FEATURES

- Rugged Design
- 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 1 1/2" diameter mast
- VSWR: 1.5:1 in the full band
- 3 Mhz Bandwidth
- Can be adjusted to exact frequency
- Wind Survival: 201 Km/hr (125 mph)



### Electrical Specifications

Frequency Range	136-174 Mhz
Bandwidth	3 Mhz
VSWR	< 1.5:1
Gain	7 dB
Impedance	50 ohms
Maximum Power	600 watts
Polarization	Vertical
Lightning Protection	Direct Ground
Operational Temperature	-40°C to +70°C
Horizontal Beamwidth	360°
Connector	N Female
Max Length	4 meters
Max Weight	4.2 Kg

### MODELS & BANDS

Model	Frequency
OM7-150-1	148-154 Mhz
OM7-150-2	154-161 Mhz
OM7-150-3	161-167 Mhz
OM7-150-4	167-174 Mhz
OM7-150-5	136-142 Mhz
OM7-150-6	142-148 Mhz