



Omnidirectional Antenna, Side View (top); Bottom View (bottom)



-PRELIMINARY-

White MAXRAD High Performance Omnidirectional Antennas

The MHO80617102NM omnidirectional antenna is a high performance low profile base station antenna in a rugged housing. The antenna is designed to cover frequencies for Cellular 3G data applications. With its integral N-Male connector at the base, this antenna can be directly mounted on the radio equipment.

Features

- Slender rugged housing
- Innovative vented design with aerated cap and base drain system
- White UV resistant radome. Protects the antenna from environmental factors

Electrical Specifications

Model	Frequency Range	Nominal Gain	H-plane Beamwidth	E-plane Beamwidth	SWR
MHO80617102NM	806-960 MHz/ 1710-2170 MHz	1 dBi/ 2 dBi	360° (omni)	45° / 35°	< 2.5

Mechanical Specifications

Model	Wind Survival	Equivalent Flat Plane Area	Lateral Thrust @ Rated Wind	Bending Moment @ Rated Wind	Height	Weight
MHO80617102NM	125 mph	0.04 ft ²	3.1 lbs.	1.1 ft-lbs.	8.3"	0.3 lbs (.14 kg)

Technical Data

General Specifications: Omnidirectional Base Station Antenna
Maximum Input Power: 25 watts
Radome Material UV Stable Plastic
Nominal Impedance: 50 Ohms
Polarization: Vertical Linear
Termination: Type N Male
RoHS Compliant: 2002/95/EC and 2003/11/EC