

White High Performance Omnidirectional Antennas

These omnidirectional antennas are high performance, low profile, base station antennas in a rugged housing. They are designed to cover frequencies from 2.4-2.7 GHz for Wi-Fi - Mesh applications and 5 GHz bands for broadband access applications. With its integral N-Male or N-Female connector at the base, this antenna can be directly mounted on the radio equipment or can be mounted to a mast.

Features

- Slender, low profile rugged housing
- Innovative vented design with aerated cap and base drain system
- White UV resistant radome



MHO52007NM Omnidirectional Antenna (left); Connector Views NF and NM (above)



BAM1009 mount

RF/Electrical Specifications

Model*	Frequency Range	Nominal Gain	H-plane Beamwidth	E-plane Beamwidth	VSWR
MHO52007NM	5.15-5.875 GHz	7 dBi	360° (omni)	15°	< 2.0
MHO24002NM	2.4-2.5 GHz	2 dBi	360° (omni)	50°	< 2.0
MHO24004NM	2.4-2.5 GHz	4 dBi	360° (omni)	30°	< 2.0
MHO24006NM	2.4-2.5 GHz	6 dBi	360° (omni)	20°	< 2.0
MHO24008NM	2.4-2.5 GHz	8 dBi	360° (omni)	13°	< 2.0

Technical Data

General Specifications: Omnidirectional Base Station Antenna
Maximum Input Power: 25 watts
Radome Material White UV Stable Plastic**
Nominal Impedance: 50 ohms
Polarization: Vertical, linear
Termination: Contact factory for details
Optional Mounts: BAM1009

Mechanical Specifications

Model*	Wind Survival	Equivalent Flat Plate Area	Lateral Thrust @ Rated Wind	Bending Moment @ Rated Wind	Height	Weight
MHO52007NM	125 mph	0.04 sq ft	3.1 lbs	1.1 ft-lbs	10.2 in (25.9 cm)	0.3 lbs (.14 kg)
MHO24002NM	125 mph	0.03 sq ft	2.9 lbs	0.9 ft-lbs	5.1 in (12.9 cm)	0.2 lbs (.09 kg)
MHO24004NM	125 mph	0.04 sq ft	3.1 lbs	1.1 ft-lbs	8.5 in (21.6 cm)	0.3 lbs (.14 kg)
MHO24006NM	125 mph	0.05 sq ft	4.4 lbs	2.2 ft-lbs	12 in (30.5 cm)	0.4 lbs (.18 kg)
MHO24008NM	125 mph	0.08 sq ft	7.1 lbs	5.7 ft-lbs	19.3 in (49.0 cm)	0.5 lbs (.23 kg)



* To order antennas with an N-Female connector, replace the "NM" in the model number with "NF".
** Some models available in black. Contact Customer Service for details.