

## High Performance Omnidirectional Antennas



The MHO specifications on the website identify the series as covering the 2.4-2.5 GHz frequency range for Wi-Fi - Mesh applications and 5 GHz bands for broadband access applications. With integral N Male or N Female connector at the base, these rugged antennas 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
- Wind rated 125 mph
- Temperature range -40°C to +85°C



MHO52007NM



BAM1009 mount

### STANDARD CONFIGURATION

Model	Connector	Mount
MHO52007NM	Type N Male	BAM-1009 base station aluminum mount kit for masts up to 2.4 inches in diameter (sold separately)
MHO24002NM	Type N Male	
MHO24004NM	Type N Male	
MHO24006NM	Type N Male	
MHO24008NM	Type N Male	

### ELECTRICAL SPECIFICATIONS - RF ANTENNA

Model	Frequency Range	Gain	VSWR	Azimuth Half Power Beamwidth	Elevation Half Power Beamwidth	Average Power	Nominal Impedance	Polarization
MHO52007NM	5.2-5.9 GHz	7 dBi	< 2.0	360° (omni)	15°	25 watts	50 ohms	Vertical, linear
MHO24002NM	2.4-2.5 GHz	2 dBi	< 2.0	360° (omni)	50°	25 watts	50 ohms	Vertical, linear
MHO24004NM	2.4-2.5 GHz	4 dBi	< 2.0	360° (omni)	30°	25 watts	50 ohms	Vertical, linear
MHO24006NM	2.4-2.5 GHz	6 dBi	< 2.0	360° (omni)	20°	25 watts	50 ohms	Vertical, linear
MHO24008NM	2.4-2.5 GHz	8 dBi	< 2.0	360° (omni)	13°	25 watts	50 ohms	Vertical, linear

### MECHANICAL & ENVIRONMENTAL SPECIFICATIONS

Model	Dimensions	Weight
MHO52007NM	0.25 OD x 10.2 in (3.17 x 25.9 cm)	0.3 lbs (.14 kg)
MHO24002NM	0.25 OD x 5.1 in (3.17 x 12.9 cm)	0.2 lbs (.09 kg)
MHO24004NM	0.25 OD x 8.5 in (3.17 x 21.6 cm)	0.3 lbs (.14 kg)
MHO24006NM	0.25 OD x 12 in (3.17 x 30.4 cm)	0.4 lbs (.18 kg)
MHO24008NM	0.25 OD x 19.3 in (3.17 x 49 cm)	0.5 lbs (.23 kg)

\* To order antennas with an N female connector, replace the "NM" in the model number with "NF".