



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



2.4-2.7GHz White MAXRAD High Performance Omnidirectional Antennas

These omnidirectional antennas provide a high performance low profile base station antenna in a rugged housing. The antenna series is designed to cover frequencies from 2.4 to 2.7 GHz for Wi-Fi - Mesh applications. With its integral N-Male connector at the base, this antenna series 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

RF/Electrical Specifications

Model	Frequency Range	Nominal Gain	H-plane Beamwidth	E-plane Beamwidth	VSWR
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
MHO242705NM	2.4-2.7GHz	5 dBi	360° (omni)	25°	< 2.0
MHO242705NF	2.4-2.7GHz	5 dBi	360° (omni)	25°	< 2.0

Mechanical Specifications

Model	Wind Survival	Equivalent Flat Plane Area	Lateral Thrust @ Rated Wind	Bending Moment @ Rated Wind	Height	Weight
MHO24004NM	125 mph	0.04 ft ²	3.1 lbs.	1.1 ft-lbs.	8.5"	0.3 lbs (.14 kg)
MHO24006NM	125 mph	0.05 ft ²	4.4 lbs.	2.2 ft-lbs.	12"	0.3 lbs (.14 kg)
MHO24008NM	125 mph	0.08 ft ²	7.1 lbs	5.7 ft-lbs.	19.3"	0.3 lbs (.14 kg)
MHO242705NM	125 mph	0.04 ft ²	3.1 lbs.	1.1 ft-lbs.	10.2"	0.3 lbs (.14 kg)
MHO242705NF	125 mph	0.04 ft ²	3.1 lbs.	1.1 ft-lbs.	10.2"	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 (NM) or N Female (NF)