

White PCTEL High Performance Omnidirectional Antenna

The MHO495907 is a high performance low profile base station antenna in a rugged housing. This antenna series is designed to cover broadband frequencies from 4.94GHz to 5.875GHz for Wi-Fi and WiMax applications.

Features

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

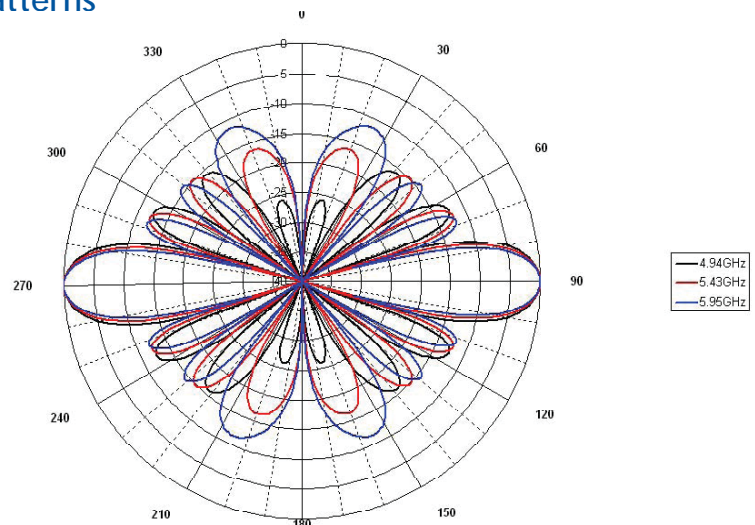
Electrical Specifications

Model	Frequency Range	Nominal Gain	H-plane Beamwidth	E-plane Beamwidth	VSWR
MHO495907NF	4.94-5.875GHz	7 dBi	360° (omni)	12°	< 2.0
MHO495907NM	4.94-5.875GHz	7 dBi	360° (omni)	12°	< 2.0

Mechanical Specifications

Model	Wind Survival	Equivalent Flat Plane Area	Lateral Thrust @ Rated Wind	Bending Moment @ Rated Wind	Height*	Weight
MHO495907NF	125 mph	0.04 ft ²	3.1 lbs.	1.1 ft-lbs.	10.2"	0.3 lbs (.14 kg)
MHO495907NM	125 mph	0.04 ft ²	3.1 lbs.	1.1 ft-lbs.	10.2"	0.3 lbs (.14 kg)

Radiation Patterns



Simulated Elevation Plane



MHO495905NF & NM Omnidirectional Antenna (left); Connector Views (right)



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 Female & N Male