

White PCTEL High Performance Omnidirectional Antennas



MHO58010NF & NM Omnidirectional Antenna (left); Connector Views (right)

The MHO58010NF & NM omnidirectional antennas are high performance low profile base station antennas in a rugged housing. These antennas are designed to cover frequencies in the 5 GHz bands for Wi-Fi - Mesh 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 with the included mount.

Features

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

Electrical Specifications:

Model	Frequency Range	Nominal Gain	H-plane Beamwidth	E-plane Beamwidth	VSWR
MHO58010NF	5.15-5.875 GHz	10 dBi	360° (omni)	10°	< 2.0
MHO58010NM	5.15-5.875 GHz	10 dBi	360° (omni)	10°	< 2.0



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
Mounting Method: N Female/N Male Bulkhead or Pipe Mount
Termination: Type N Female & N-Male

Mechanical Specifications:

Model	Wind Survival	Equivalent Flat Plane Area	Lateral Thrust @ Rated Wind	Bending Moment @ Rated Wind	Height	Weight
MHO58010NF	125 mph	0.08 ft ²	6.8 lbs.	5.6 ft-lbs.	18.38"	0.35 lbs (.16 kg)
MHO58010NM	125 mph	0.08 ft ²	6.8 lbs.	5.6 ft-lbs.	18.38"	0.35 lbs (.16 kg)