

## PCTEL High Performance Omnidirectional Antenna

The MHO58009NMIP high performance omnidirectional antenna is designed to cover frequencies from 5.15-5.85 GHz for broadband access applications, while meeting antenna radiation pattern U-NII-1 band power limit, as specified on FCC Rules & Regulations for Title 47 part 15.407

With its integral N Male connector at the base, this antenna can be directly mounted onto radio equipment.

### Features

- Slender, rugged housing (0.9" OD)
- Innovative IP67 sealed housing for maximum ingress protection
- White UV resistant radome



MHO58009NMIP



### STANDARD CONFIGURATION

Model	Connector	Mount
MHO58009NMIP	Type N Male	Direct mount

### ELECTRICAL SPECIFICATIONS - RF ANTENNA

Model	Frequency Range	Gain	VSWR	Maximum Input Power	H-Plane Beamwidth	E-Plane Beamwidth	Nominal Impedance	Polarization
MHO58009NMIP	5.15-5.85 GHz	9 dBi	< 2.0	20 watts	360° (omni)	11°	50 ohms	Vertical, linear

### MECHANICAL & ENVIRONMENTAL SPECIFICATIONS (ALL MODELS)

Model	Dimensions	Weight	Ingress Protection	Housing Material	Equivalent Flat Plate Area	Lateral Thrust @ Rated Wind	Bending Moment @ Rated Wind
MHO58009NMIP	12.42 x 0.9 inches (31.5 x 2.3 cm)	0.26 lbs (0.12 kg)	IP67	UV stable plastic	0.07 sq ft	5.4 lbs	2.7 ft-lbs