

5.5 to 5.85 GHz Wideband Base Station Omnidirectional Antenna - PRELIMINARY

The MMO58010 antenna is for applications including WiFi and WiMax and is designed to cover frequencies from 5.15 to 5.85 GHz. This rugged antenna features a U.V. stable, plastic radome with an aluminum base that is ideal for indoor/outdoor applications.

General Specifications:

Omnidirectional Base Station Antenna

Radome Material:

White UV stable plastic

Polarization:

Vertical Linear

Nominal Impedance:

50 Ohms

Mounting Method(s):

Pipe Mount (included)

Direct attachment to Type N Plus



MMO58010

Termination:

12" or 36" RG-58/U pigtail with RP-TNC plug connector

Other connector options available

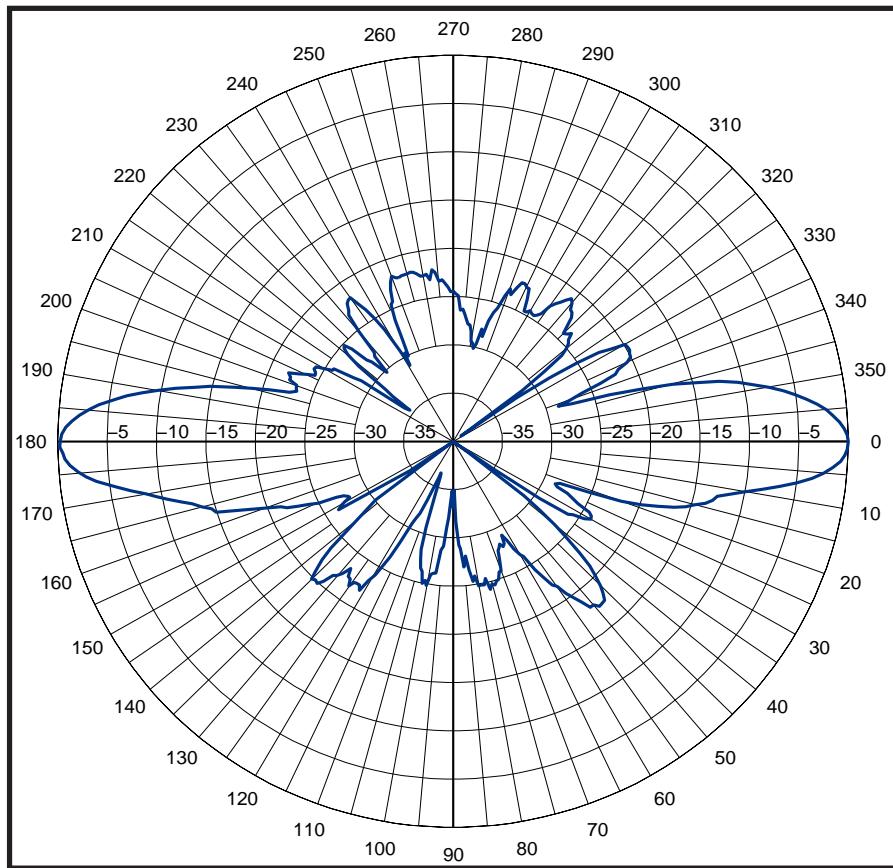
Electrical Specifications

Frequency Range	Nominal Gain	H-plane Beamwidth	E-plane Beamwidth	Connector	VSWR	Max. Input Power
5.15 - 5.85 GHz	10 dBi	360°	10°	N-female	<2.0:1	25 Watts

Mechanical Specifications

Wind Survival	Equivalent Flat Plate Area	Lateral Thrust @ Rated Wind		Bending Moment @ Rated Wind	Height	Weight
		125 mph	0.13 ft ²	15.6 lbs	15.8 ft-lbs	18.5 inches

Pattern



MMO58010 Elevation Cut - 5.45 GHz