

MIMO PANEL ANTENNA - 12dBi

900MHz Antenna Spec Sheet



Mimomax Panel Antenna is a high-gain, rugged and wide-band antenna suitable for radio sites that encounter ice, snow and strong wind loading.

It provides independent horizontal and vertical polarizations and is suitable for a wide range of radio applications including MIMO.

The cost-effective antenna comes with fully enclosed radome making it a good fit for harsh weather conditions.

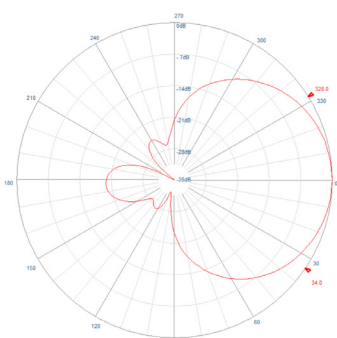
900MHz MIMO PANEL ANTENNA - 12dBi SPECIFICATIONS

Electrical Specifications	
Frequency Range	806-960 MHz
Polarization	Horizontal and Vertical with Separate Feeds
VSWR	≤ 1.5
Antenna Gain	12.5 dBi Typical
Beamwidth Horizontal Plane	65°
Beamwidth Vertical Plane	35°
F/B Ratio	≥25 dB
Input Impedance	50Ω
Max Power	100W
Lightning Protection	DC Ground

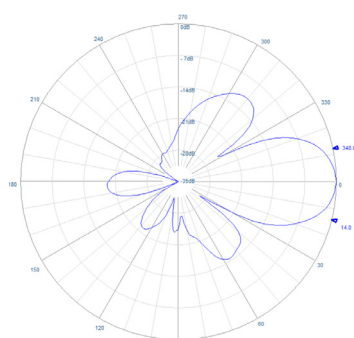
Mechanical Specifications	
Connector	2 x N-Female / 2 x 4.3-10 Female
Dimensions	25.2 x 11 x 5.1 inches (640×280×130 mm)
Weight	7.7 lbs (3.5 kg)
Reflector Material	Aluminum
Radome Material	UV-PVC
Rated Wind Velocity	130 mi/h (210 km/h)
Operating Temperature	-40°F to +149°F (-40°C to +65°C)
Mounting Pole	Ø1.5-2 inches / Ø1.3-2.4 inches (heavy duty) (Ø38-52mm / Ø33-62mm)

Product Orders	
Product Code	Description
ANT-806-960-012-PD00	900MHz MiMO Panel, 806-960MHz, 12dBi, 2 x N-Female
ANT-806-960-012-PD0H	900 MiMO Panel, 806-960MHz, 12dBi. 2 x N-Female, with heavy duty mounting
ANT-806-960-012-PD20	900MHz MiMO Panel, 806-960MHz, 12dBi, 2 x 4.3-10 Female
ANT-806-960-012-PD2H	900 MiMO Panel, 806-960MHz, 12dBi. 2 x 4.3-10 Female, with heavy duty mounting

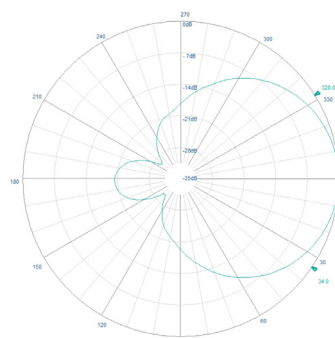
Important: Specifications are subject to change without prior notice



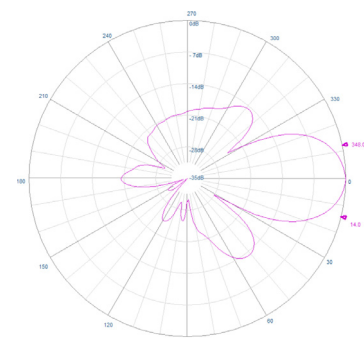
Horizontal Azimuth pattern



Horizontal Elevation pattern



Vertical Azimuth pattern



Vertical Elevation pattern