



SERIOUSLY SMART RADIOS FOR LINKING CRITICAL COMMUNICATIONS INFRASTRUCTURE



900 MHz PANEL 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 low-cost antenna comes with fully enclosed radome making it a good fit for harsh weather conditions.



Slim Design, Rugged Functionality

900 MHz PANEL ANTENNA SPECIFICATIONS

Electrical Specifications

Frequency Range	806-960 MHz
Frequency Sub-bands	806-869MHz & 896-960MHz*
Polarization	Horizontal and Vertical with Separate Feeds
Antenna Gain	2 x 16dBi (dual polarized)
Beam Width	(Azimuth) Horizontal Plane < 20° (Elevation) Vertical Plane < 34°
F/B Ratio	> 20 dB
Frequency Bandwidth (15dB return loss)	80MHz
Maximum Gust Speed	200 kph
Wind Loading	630 N @ 160 km/h
Wind Survival	250 kph

Mechanical Specifications

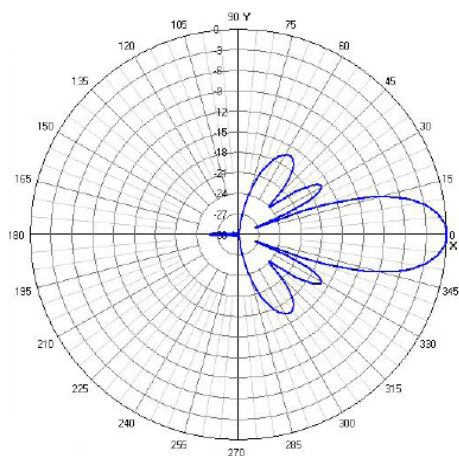
Connector	2 x N-Female
Dimensions (W x H x T) Direction of Propagation	930 x 500 x 60 mm (+ Mounting Brackets)
Weight	7.5 kg (Including Mounting Brackets)
Mounting	Twin Vertically Spaced Clamps for Attachment to 20-115mm Mounting Pipe
Number Required per Link End	1 for 2 Receiver MIMO, 2 for 4 Receiver MIMO
FCC Specification	Complies with FCC Rule 101.115 CAT-B

Product Orders

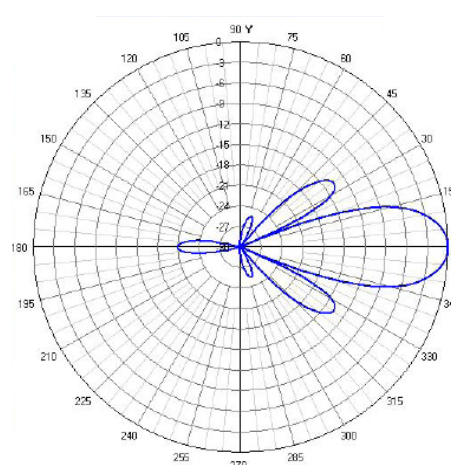
Product Code	Description
ANT-806-960-016-PD00	900MHz MiMO Panel, 806-960MHz, 16dBi, 2 x N-Female

Important: Specifications are subject to change without prior notice

PANEL ANTENNA POLAR DIAGRAMS



Vertical Polarisation / Horizontal Plane



Horizontal Polarisation / Horizontal Plane