

LOW PROFILE PANEL ANTENNA - 12dBi

700 MHz Antenna Spec Sheet



The Mimomax Low Profile Panel Antenna is a high-gain, rugged, compact, 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 radio applications including MIMO.

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

With a typical 12dBi antenna gain and a maximum input power of 200W, the Mimomax Low Profile High Gain 700MHz Panel Antenna is a highly versatile antenna.



700MHz UHF MIMO LOW PROFILE PANEL ANTENNA - 12dBi SPECIFICATIONS

Electrical Specifications

Frequency Range	757 - 788 MHz
VSWR	≤ 1.5
Polarization	Horizontal and Vertical with separate feeds
Antenna Gain	11.7 dBi Typical
Beam Width	46° E Plane 48° M Plane
Front-to-Back Ratio	≥ 20dB
Rated Power	200W
Input Impedance	50Ω
Lightning Protection	Direct Ground

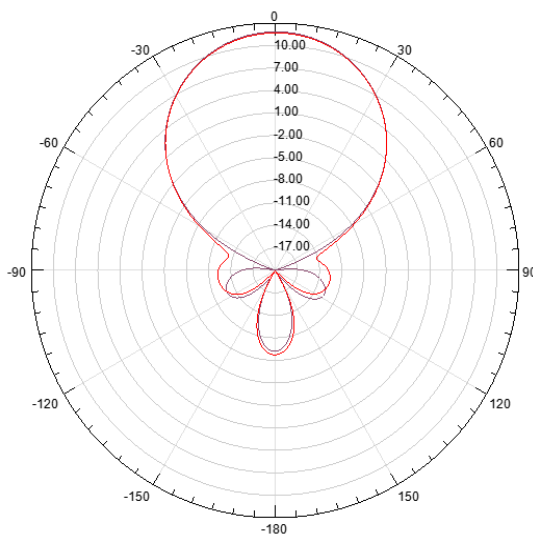
Mechanical Specifications

Connector Type	2 x N-Female
Assembled Array Dimensions	17.7 x 17.7 x 1.5 inches (450 x 450 x 38 mm) Excluding mounting brackets and connectors
Weight	6.6 lbs (3 kg)
Material and Structure	Robust UV-ABS radome with aluminium backplate and rugged stainless-steel mounting
Max Gust Speed	124.3 mph (200 kph)
Wind Loading	300N (at 99.4 mph / 160 kph)
Mounting - PD00	Twin vertically spaced clamps for attachment to 0.8-2.0 inches (20-51 mm) mounting pipe
Mounting - PD0H (Heavy Duty)	Twin vertically spaced clamps for attachment to 1.5-2.4 inches (38-61 mm) mounting pipe

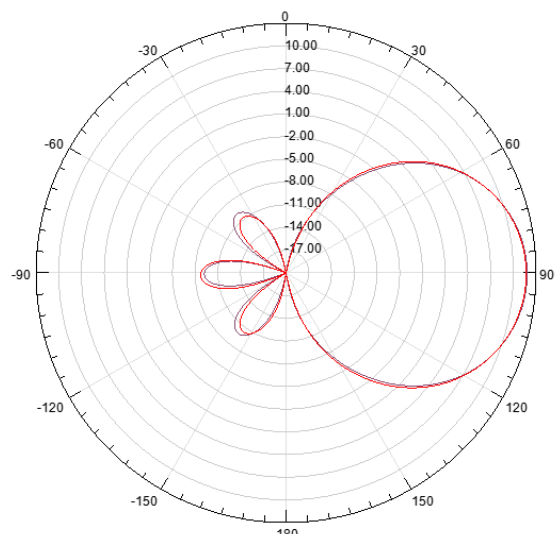
Product Orders

Product Code	Description
ANT-757-788-012-PD00	700MHz MiMO Panel, Low Profile, 757-788MHz, 12dBi, 2 x N-Female
ANT-757-788-012-PD0H	700MHz MiMO Panel, Low Profile, 757-788MHz, 12dBi, 2 x N-Female, HD Mounting

Important: Specifications are subject to change without prior notice



Radiation Pattern M Plane 757-788MHz
3dB Beam Width 48°



Radiation Pattern E Plane 757-788MHz
3dB Beam Width 46°