

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.



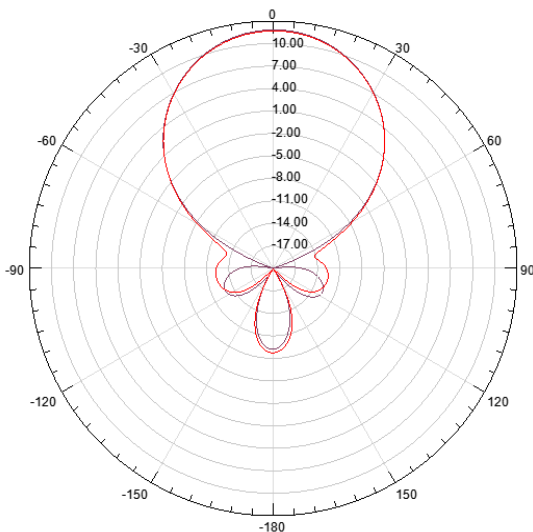
700MHz UHF MIMO LOW PROFILE PANEL ANTENNA - 12dBi SPECIFICATIONS

| 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 |

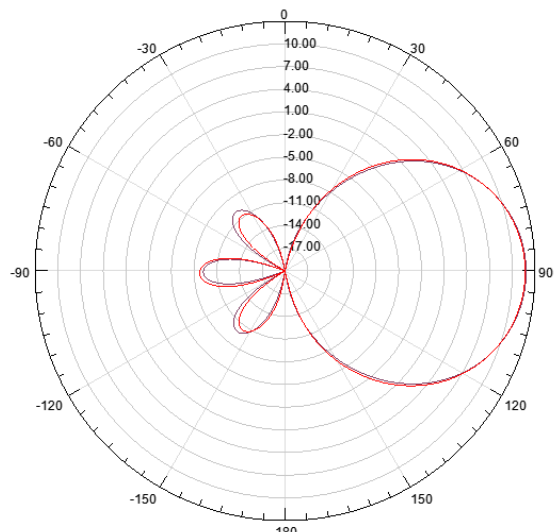
| Mechanical Specifications | |
|------------------------------|--|
| Connector Type | 2 x N-Female |
| Assembled Array Dimensions | 17.7 x 17.7 x 1.5 inches (450 x 450 x 38 mm) Excluding mounting brackets and connectors |
| Weight | 6.6 lbs (3 kg) |
| Material and Structure | Robust UV-ABS radome with 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°