

DUAL POLARIZED COMPACT PANEL ANTENNA - 8dBi

700MHz Antenna Spec Sheet



Mimomax 700MHz Compact Panel Antenna is a high-gain, rugged, compact, wide-band antenna suitable for radio sites that encounter ice, snow and strong wind loading.

Like all Mimomax antennas the 700MHz Compact Panel Antenna provides independent horizontal and vertical polarisations making it suitable for a wide range of radio applications including MIMO. This pattern-type diversity solution provides increased signal quality and path resilience in very challenging environments

The 700MHz antenna comes with fully enclosed radome making it a good fit for harsh weather conditions.

With a typical 8dBi antenna gain and a maximum power of 50W the Mimomax 700MHz Compact Panel Antenna is a highly versatile base station antenna.

700MHz DUAL POLARIZED COMPACT PANEL ANTENNA SPECIFICATIONS

| Electrical Specifications | |
|-----------------------------------|-------------------------------|
| Frequency Range | 757-788 MHz |
| Gain | 8dBi |
| VSWR | ≤1.5:1 |
| Return Loss | >14dB |
| Polarization | Dual, Horizontal and Vertical |
| F/B Ratio | ≥13 dB |
| Azimuth Beamwidth (-3dB) H pol. | 60° |
| Azimuth Beamwidth (-3dB) V pol. | 70° |
| Elevation Beamwidth (-3dB) H pol. | 70° |
| Elevation Beamwidth (-3dB) V pol. | 60° |
| Input Impedance | 50 Ω |
| Max. Power | 50W |
| Lightning Protection | DC Ground |

| Mechanical Specifications | |
|---------------------------|--|
| Connector | 500mm Pigtail 2 x N-Female |
| Dimensions | 260 x 260 x 45 (mm) Excluding Mounting Brackets and Connectors |
| Reflector Material | Aluminium |
| Radome Material | ABS |
| Operating Temperature | -40 °C to +65 °C |
| Mounting | Twin clamps 33-62mm pipe (optional 25-55mm clamps) |

| Product Orders | |
|----------------------|--|
| Product Code | Description |
| ANT-757-788-008-PD00 | 700MHz MiMO Panel, 757-788MHz, 8dBi, 2xN-Female |
| ANT-757-788-008-PD0H | 700MHz MiMO Panel, 757-788MHz, 8dBi, 2xN-Female, Heavy Duty Mounting |

Important: Specifications are subject to change without prior notice