

VenU® Dual-Polarization 4G/5G MIMO Directional Panel

This VenU antenna offers 4G/5G multi-band coverage, high gain, and a rugged housing design, with a heavy-duty mounting bracket for mast or wall mount installations. It is ideal for Small Cells, indoor/outdoor DAS systems, and Oil and Gas/Utility sites requiring a rugged and reliable 4G /5G Cellular antenna solution.

Features

- MIMO broadband directional coverage with DAS, ODAS, Small Cell, and industrial wireless applications
- N Female bulkhead connectors
- IP67* waterproof vented design
- Indoor and outdoor rated
- Dual slant polarized or V/H polarization mounting options
- Includes heavy-duty articulating mount



PLTE7027M

STANDARD CONFIGURATION

Model	Connector	Mount	Radome
PLTE7027M	2 x Type N Female	Heavy-duty articulating mount suitable for pipe or wall installation is included	White, UL 94 VHB Polycarbonate

ELECTRICAL SPECIFICATIONS - RF ANTENNA

Frequency Range	Gain	VSWR	Azimuth Half Power Beamwidth	Elevation Half Power Beamwidth
698-960 MHz / 1710-2700 MHz	8.2 dBi / 8 dBi	< 2.0:1	~80° / ~75°	~55° / ~65°

ELECTRICAL SPECIFICATIONS - RF ANTENNA, continued

Front to Back Ratio	Maximum Power	Nominal Impedance	Polarization	Port-to-Port Isolation
~20 dB	50 watts	50 ohms	Dual slant (±45°) or horizontal & vertical (mount dependant)	< - 22 dB

MECHANICAL & ENVIRONMENTAL SPECIFICATIONS

Dimensions	Weight	Rated Wind	Ingress Protection	Temperature Range
12 L x 12 W x 4.4 H in (30.48 x 30.48 x 11.18 cm)	2.0 lbs (0.907 kg)	125 mph	IP67*	-40°C to +85°C

*When installed according to manufacturer's installation instructions.