

VenU® Dual Polarization 4G LTE MIMO Directional Panel

This VenU® antenna offers 4G LTE multiband 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 LTE/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 94VHB Polycarbonate

ELECTRICAL SPECIFICATIONS - RF ANTENNA

Model	Frequency Range	Gain	VSWR	Azimuth Half Power Beamwidth	Elevation Half Power Beamwidth
PLTE7027M	698-960 MHz 1710-2700 MHz	8.2 dBi 8 dBi	< 2.0:1	~80° ~75°	~55° ~65°

ELECTRICAL SPECIFICATIONS - RF ANTENNA, continued

Model	Front to Back Ratio	Maximum Power	Nominal Impedance	Polarization	Port-to-Port Isolation
PLTE7027M	~20 dB	50 watts	50 ohms	Dual slant (±45°) or horizontal & vertical (mount dependant)	< - 22 dB

MECHANICAL SPECIFICATIONS

Model	Dimensions	Weight	Rated Wind
PLTE7027M	12" L x 12" W x 4.4" H (30.48 x 30.48 x 11.18 cm)	2.0 lbs (0.907 kg)	125 mph

ENVIRONMENTAL SPECIFICATIONS

Model	Ingress Protection	Temperature Range
PLTE7027M	IP67*	-40°C to +85°C

*When installed according to manufacturer's installation instructions.