

VenU® PIM-Rated Single Polarization Directional Panel

This VenU antenna offers 4G LTE multi-band coverage in 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

- Broadband directional coverage for DAS, ODAS, Small Cell, and industrial wireless applications
- PIM rated: -153 dBc @ 2x43 dBm (20 W) carriers
- N Female bulkhead connector
- IP67 vented design
- Indoor and outdoor rated
- Linear, vertical or horizontal polarization
- Includes heavy-duty articulating mount



PLTE7027S-I

STANDARD CONFIGURATION

Model	Connector	Mount
PLTE7027S-I	N Female	Heavy-duty articulating mount suitable for pipe or wall installation is included

ELECTRICAL SPECIFICATIONS - RF ANTENNA

Frequency Range	Gain	VSWR	Azimuth Half Power Beamwidth	Elevation Half Power Beamwidth
698-960 MHz / 1710-2170 MHz / 2170-2700 MHz	6.5 dBi / 8.0 dBi / 6.8 dBi	< 2.0:1	~ 80° / ~ 50° / ~ 70°	~ 95° / ~ 75° / ~ 90°

ELECTRICAL SPECIFICATIONS - RF ANTENNA, continued

Maximum Average Power	Nominal Impedance	Polarization	PIM
50 watts	50 ohms	Linear, horizontal or vertical	-153 dBc @ 2x43 dBm (20 W) carriers

MECHANICAL & ENVIRONMENTAL SPECIFICATIONS

Dimensions	Weight	Rated Wind	Temperature Range	Ingress Protection	Radome
9.8 L x 7.2 W x 2.0 H in (24.9 x 18.2 x 5.1 cm)	1.58 lbs (0.718 kg)	125 mph	-40°C to +85°C	IP67	Off-White, UL 94 VHB ASA