

DUAL POLARIZED MIMO DIRECTIONAL PANEL ANTENNA - 9dBi

700MHz Antenna Spec Sheet



The Dual-Polarized 700MHz MIMO Directional Panel Antenna offers 700 MHz upper A block wideband coverage, high gain, and a rugged housing design, with a heavy-duty mounting bracket for mast or wall mount installations. It is ideal for wireless Field Area Networks (FAN), which extend smart grid connectivity deep into distribution networks, enabling new functionality such as advanced metering, distribution automation, substation automation, and distributed generation.

Key Features

- MiMO broadband directional coverage
- Type N female connectors
- IP67* waterproof vented design
- Includes heavy-duty articulating mount

Benefits

- Seriously Smart
- Scalable
- Very Economical
- Highly Efficient
- Compatible
- Robust
- Exclusive to User
- Future Defensive
- Environmentally Sound

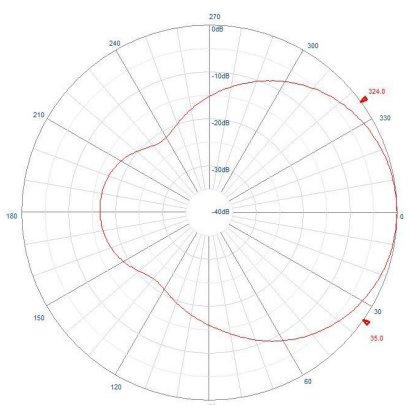
700MHz DUAL POLARIZED MIMO DIRECTIONAL PANEL ANTENNA SPECIFICATIONS

General Specifications	
Connector	Type N female (2)
Mount	Heavy-duty articulating mount suitable for 2-3/8 inch pipes is included
Radome	White, UL 94 VHB Polycarbonate
Polarization	Vertical and Horizontal
Electrical Specifications	
Frequency Range	757-788 MHz
Polarization	Dual linear, H/V
Average Gain	9 dBi
VSWR	< 1.43
Azimuth Half Power Beamwidth	62°/73°
Elevation Half Power Beamwidth	63°/72°
Front to Back Ratio	> 16 dB +/-30°
Maximum Power	50 watts
Nominal Impedance	50 ohms
Cross Polarization Ratio	> 17 dB on bore sight
Port-to-Port Isolation	30 dB minimum
Mechanical Specifications	
Dimensions	12 L x 12 W x 4.4 H in (30.48 x 30.48 x 11.18 cm)
Weight	2.0 lbs (0.907 kg)
Rated Wind	125 mph
Ingress Protection	IP67*
Temperature Range	-40°C to +85°C

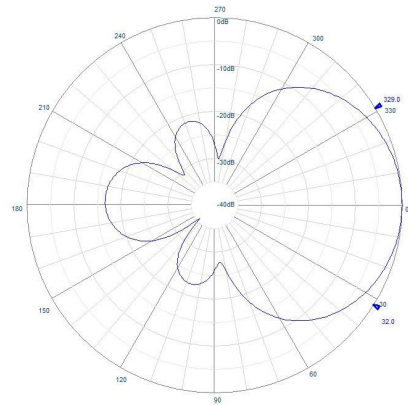
*When installed according to manufacturer's intallation instructions.

Product Orders	
Product Code	Description
ANT-757-788-009-PD00	700MHz MiMO Panel, 757-788MHz, 9dBi, 2 x N-Female

Important: Specifications are subject to change without prior notice



Azimuth Pattern



Elevation Pattern