

## VenU® Dual-Band MIMO Omnidirectional Antenna

These VenU antennas are omnidirectional, operating at both the 2.4 GHz and the 5 GHz bands. They are designed to support access points offering 802.11n, ac coverage. The antennas are suitable for both indoor and outdoor installations, and include mounting hardware for wall/mast or ceiling mount applications, depending on the model.

### Features

- Omnidirectional antenna for indoor or outdoor operation
- Operates over the entire 2.4 and 5 GHz band
- MIMO enclosure - three, four, or six antennas in the same housing
- White UL94 V0 radome
- Plenum rated, outdoor capable coaxial cables
- Azimuth and elevation plane adjustable wall or mast mount



MPMI2458-4-RPC



### STANDARD CONFIGURATION

Model	Cable	Connector	Mount
MPMI2458-4-RPC	Four 36 in (91.4 cm) Plenum Rated, UV-Stable RG-58/U Leads	Four Reverse Polarity TNC Male) ANSI 7/16-28 UNEF 2B threads	1.5-inch stud mount. Universal wall and mast mountable with included articulating mount. All tools and hardware included. Mounts to mast up to 1-1/2" in diameter. Ceiling mountable to 1-inch thick ceiling tile with jam nut. Also includes rubber washer for mounting to smooth surfaces such as NEMA enclosures. (All Models)
MPMI2458-6-RPSMA	Six 36 in (91.4 cm) Plenum Rated, UV-Stable RG-58/U Leads	Six Reverse Polarity SMA (Male)	
MPMI2458-3-RPSMA	Three 36 in (91.4 cm) Plenum Rated, UV-Stable RG-58/U Leads	Three Reverse Polarity SMA (Male)	

### ELECTRICAL SPECIFICATIONS - RF ANTENNA

Model	Frequency Range	Gain*	VSWR	Azimuth Half Power Beamwidth	Elevation Half Power Beamwidth
MPMI2458-4-RPC	2.4-2.5 GHz / 4.9-5.9 GHz	4 dBi / 4 dBi	2.0:1	Omnidirectional	60° / 33°
MPMI2458-6-RPSMA	2.4-2.5 GHz / 4.9-5.9 GHz	5 dBi / 7 dBi	2.0:1	Omnidirectional	25° / 15°
MPMI2458-3-RPSMA	2.4-2.5 GHz / 4.9-5.9 GHz	5 dBi / 7 dBi	2.0:1	Omnidirectional	25° / 15°

### ELECTRICAL SPECIFICATIONS - RF ANTENNA, continued (ALL MODELS)

Average Power	Nominal Impedance	Polarization
50 watts	50 ohms	Linear, vertical

### MECHANICAL & ENVIRONMENTAL SPECIFICATIONS (ALL MODELS)

Dimensions	Housing Material	Ingress Protection	Temperature Range
8.6 H x 6.3 OD in (21.8 x 16.0 cm)	PC (UV-Stabilized)	IP-54	Operating: -22°F to +158°F (-30°C to +70°C), Storage: -40°F to +185°F (-40°C to +85°C)

\* Peak Gain includes 3 ft cable.