



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.