



M2M Indoor/Outdoor Wi-Fi MIMO Antenna

PCTEL's DIV2458PTRAMMCX is a dual-band two port Wi-Fi MIMO omnidirectional antenna, ideal for fixed mount applications. The product was designed for optimal pattern and port-to-port isolation performance to maximize data throughput in MIMO or diversity applications.

Features

- Dual-band broadband performance
- MIMO/Diversity Wi-Fi design
- Single cable exit for easier installation
- Ideal for outdoor or indoor fixed installations requiring a low-profile, diversity MIMO antenna solution



DIV2458PTRAMMCX

STANDARD CONFIGURATION

Model	Cable	Connector	Mount
DIV2458PTRAMMCX	7 in RG-316	Right angle MMCX plug	5/8-inch diameter through-hole mounting stud

ELECTRICAL SPECIFICATIONS - RF ANTENNA

Frequency Range	Gain	VSWR	Azimuth Half Power Beamwidth	Elevation Half Power Beamwidth
2.4-2.5 GHz / 4.9-5.9 GHz	2 dBi / 4 dBi	1.4 (typical) / 1.8 (maximum)	360° / 360°	@ 2.4 GHz: 50° @ 5 GHz: 35°

ELECTRICAL SPECIFICATIONS - RF ANTENNA, continued

Average Power	Nominal Impedance	Polarization
20 watts	50 ohms	Vertical, linear x 2

MECHANICAL & ENVIRONMENTAL SPECIFICATIONS

Dimensions	Weight	Housing Material	Ingress Protection	Temperature Range
4 H x 5.52 L x 1.74 W in (10.16 x 14.02 x 4.42 cm)	0.5 lbs (0.2 kg)	ASA	IP67*	-40°C to +85°C

* When installed according to the manufacturer's installation instructions.