

Low-Profile Access Point Antenna for Broadband Wireless

The PCTMI2458-RPC is a low-profile antenna that is optimized for operation with reverse polarity TNC compatible broadband wireless MIMO (802.11ac) access points operating at 2.4 GHz and 5 GHz frequencies. The rugged, UV-resistant housing makes it suitable for use in a wide variety of IIoT applications, including office LAN environments, factory floors, and outdoor Wi-Fi networks.

Features

- Omnidirectional antenna for indoor or outdoor operation
- Outstanding performance in a very low-profile housing
- White UL94 V0 plastic housing
- Built directly on an RPTNC plug connector
- No more than 3.26 inches long including the connector



PCTMI2458-RPC

STANDARD CONFIGURATION

Model	Connector	Mount
PCTMI2458-RPC	Reverse Polarity TNC	Direct Access Point Mount

ELECTRICAL SPECIFICATIONS - RF ANTENNA

Frequency Range	Gain	VSWR	3 dB Azimuth Half Power Beamwidth	3 dB Elevation Half Power Beamwidth	Average Power	Nominal Impedance	Polarization
2.4-2.5 GHz 5.15-5.92 GHz	3 dBi 5 dBi	< 2.0:1	@ 2.4 GHz: 360° @ 5 GHz: 360°	@ 2.4 GHz: 62° @ 5 GHz: 35°	5 watts	50 ohms	Vertical, linear

MECHANICAL & ENVIRONMENTAL SPECIFICATIONS

Dimensions	Housing Material	Temperature Range	Ingress Protection
3.26 L x 0.77 OD in (8.28 x 1.95 cm)	PC, White UL94 V0 Plastic	-30°C to +70°C	IPX7