

Low Profile Access Point Antennas for Broadband Wireless



PCTMI24-RPC AND PCTMI58-RPC

These very low profile antennas are optimized for operation with Reverse Polarity TNC compatible broadband wireless MIMO (802.11n) access points operating at 2.4 GHz or 5 GHz frequencies. Their rugged, UV resistant housing makes them suitable for use in a wide variety of indoor applications, including office LAN environments, factory floors, and retail establishments.

Features

- Omnidirectional antenna for indoor operation
- Outstanding performance in a very low profile housing
- White UL 94-V0 plastic housing
- Built directly on an RP-TNC plug connector
- No more than 1-1/2" long including the connector

RF/Electrical Specifications

Model	Frequency Range	Peak Gain	Elevation Plane 3 dB Beamwidth	Azimuth Plane 3 dB Beamwidth
PCTMI24-RPC	2400-2484 MHz	2.2 dBi	45 degrees	360 degrees
PCTMI58-RPC	5150-5850 MHz	4 dBi	40 degrees	360 degrees



Technical Data

General Specifications: Low Profile MIMO Access Point Antennas
Polarization: Vertical, linear
Nominal Impedance: 50 ohms
VSWR < 2.0:1
Radome White, impact resistant UV stable plastic

Mechanical Specifications

Model	Connector Type	Dimensions	Operating Temperature
PCTMI24-RPC	Reverse Polarity TNC Male	1.7 L x 0.75 OD Inches (4.3 L x 1.9 cm)	0°C to +55°C
PCTMI58-RPC	Reverse Polarity TNC Male	1.7 L x 0.75 OD Inches (4.3 L x 1.9 cm)	0°C to +55°C