



MPDD245807PTRPC



Technical Data

Maximum Power Input: 20 watts
Polarization: Linear, vertical
Nominal Impedance: 50 ohms
VSWR: < 1.5:1 (2.4 GHz) < 2.0:1 (5.0 GHz)
Front-to-Back Ratio: > 15 dB
Radome Housing: UL 94V-0 plastic
Cable: Four (4) 36" RG-58A/U, white
Connector: Reverse Polarity TNC standard Other connector options feasible
Mounting Method: MPAB11 short adjustable bracket for wall or pipe mount (included) MPAB12 long adjustable corner mount (sold separately) MPAB14 die cast articulating mount with $\pm 25^\circ$ uptilt/downtilt adjustment (included). Wall or 1.5" OD max. mast installations

Multi-Band Dual Diversity Directional Panel Antenna

The MPDD245807PTRPC provides dual diversity coverage of 2.4-2.5 GHz and 4.9-5.9 GHz frequencies with 7 dBi gain performance. This compact directional panel antenna includes four cable terminations for use with dual band, dual diversity Wi-Fi radios. The antenna includes an adjustable wall/mast mount.

Features

- Provides the performance of two multi-band 2.4/5.8 GHz quad-band antennas in an attractive, low profile package
- UL94-V0 plastic and PC board for compliance with UL's high flame retardant standard
- Attractive, low profile housing. Blends well with indoor environments where aesthetic considerations are important
- Adjustable mounting brackets for indoor and outdoor mounting (included)

RF/Electrical Specifications

Model	Frequency Range	Gain	3 dB Horizontal Beamwidth	3 dB Vertical Beamwidth	Typical Port to Port Isolation
MPDD245807PTRPC	2.4-2.5 GHz/ 4.9-5.9 GHz	7 dBi 7 dBi	90° 85°	60° 60°	25 dB 30 dB

Mechanical Specifications

Model	Dimensions	Weight (Mass)	Temperature Range	Wind Loading (frontal) @100 mph Wind
MPDD245807PTRPC	5.1" x 4.7" x 1.5" (12.0 x 11.9 x 3.8 cm)	0.5 lbs (0.23 kg)	-40° C to +70° C	9.3 lbs