



MPD24006XFPT on MPAB11 mount

Wi-Fi Diversity Directional Panel Antenna

The MPD24006XFPT diversity panel antenna covers 2.4 GHz frequencies with a VSWR of less than 1.5:1. This diversity antenna is designed to obtain maximum gain and performance across the band. The printed circuit design is housed in an attractive, low profile radome made with UL94-V0 materials that meet strict safety specifications.

Features

- UL94-V0 plastic and PC board. Provides UL's high flame retardant rating allowing maximum placement flexibility. Meets stringent building fire rating codes.
- Attractive, low profile housing. Blends well with indoor and outdoor environments where aesthetic considerations are important.
- Adjustable mounting brackets for indoor and outdoor mounting. Provide maximum flexibility for indoor or outdoor installations.

Antenna Electrical Specifications

Model	Frequency Range	Gain	3 dB Horizontal Beamwidth	3 dB Vertical Beamwidth	Typical Port to Port Isolation
MPD24006XFPT	2.3-2.5 GHz	6.5 dBi	90°	70°	20 dB
MPD24006XFPT72RPC	2.3-2.5 GHz	6.0 dBi	90°	70°	20 dB



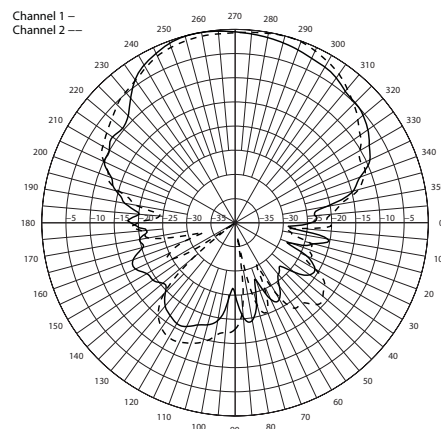
Technical Data

Maximum Power Input: 20 watts
Polarization: Linear, vertical
Nominal Impedance: 50 ohms
VSWR: < 1.5:1
Front-to-Back Ratio: > 15 dB
Radome Housing: UL94-V0 plastic
Cable: 36" (91 cm) RG-58/U (MPD24006XFPT) 72" (183 cm) RG-58/U (MPD24006XFPT72RPC)
Connector Options: Reverse Polarity TNC standard (part #RPC) N Female (part #NF) Reverse Polarity SMA Plug (part #RPM SMA)
Mounting Brackets (sold separately): MPAB11 short adjustable bracket for wall or pipe mount MPAB12 long adjustable corner mount

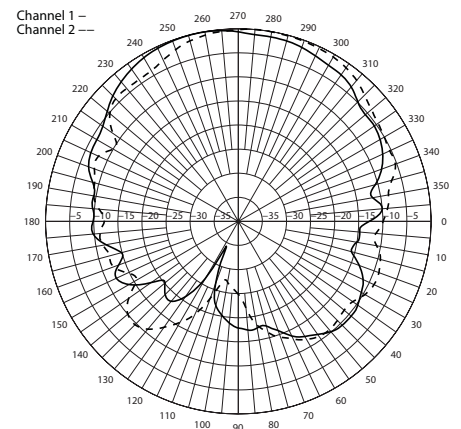
Mechanical Specifications

Model	Dimensions	Weight (Mass)	Temperature Range	Wind Loading (frontal) @100 mph Wind
MPD24006XFPT	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
MPD24006XFPT72RPC	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

Radiation Patterns



MPD24006 Elevation Cut



MPD24006 Azimuth Cut