



MCD2400PT



Technical Data

Maximum Power Input: 50 watts
Polarization: Vertical, linear
Nominal Impedance: 50 ohms
VSWR: < 1.5:1
Radome Housing: UL listed plastic
Mounting Method: Dual stud mount. Above ceiling tile mounting bracket is available for applications requiring no visibility of the antenna (sold separately). Side cable exit adapter for solid ceiling mounting (included).
Cable: Dual 12" (30.5 cm) Plenum RG-58/U CL2P MCD2400PT36 includes two 36" (91.4 cm) Plenum RG-58/U CL2P pigtails
Connector Options: (add connector part number after the PT prefix) Example: MCD2400PTNF (model MCD2400PT with N, female connector) N female (part #NF) Reverse Polarity TNC (part #RPC) Reverse Polarity Male SMA (part #RPSMA)

Ceiling Mount Omnidirectional Diversity Antenna

The MCD2400PT combines two flat ceiling mount omnidirectional antennas in a single housing for efficient spatial diversity installations. This antenna is designed to cover frequencies from 2400 to 2485 MHz with a VSWR of less than 1.5:1 and an isolation between two elements of more than 20 dB. A dual stud drop ceiling mount makes for effortless installation. The antenna includes pigtails that can be terminated with various types of connector options.

Features

- Efficient omnidirectional diversity performance. Provides the excellent performance of two omnidirectional antennas in a single low profile housing.
- Attractive, low profile housing. Blends well in office environments and other locations where aesthetic considerations are important.
- UL listed materials and cable. Meets strict safety specifications.
- Dual stud drop ceiling mount. Easy to install on standard ceiling tiles or solid ceiling surfaces.
- Includes side cable exit adapter for solid ceiling mounting.

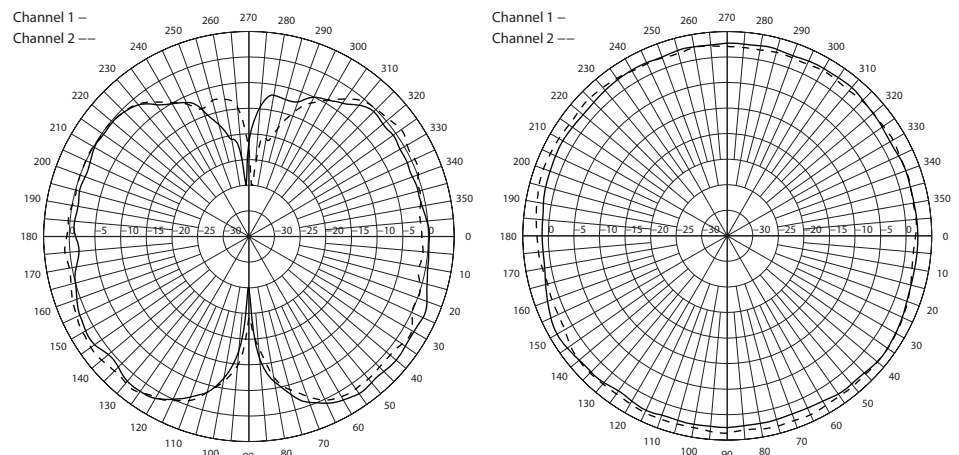
Antenna Electrical Specifications

Model	Frequency Range	Nominal Gain	Isolation	Horizontal Beamwidth	Vertical Beamwidth
MCD2400PT	2.4-2.485 GHz	2.5 dBi	> 20 dB	360°	40°
MCD2400PT36	2.4-2.485 GHz	2.2 dBi	> 20 dB	360°	40°

Mechanical Specifications

Model	Dimensions	Weight (Mass)	Temperature Range
MCD2400PT	4.25" W x 8.5" L x 0.5" H (10.8 x 21.59 x 1.27 cm)	1 lb (0.45 kg)	-40°C to +80°C
MCD2400PT36	4.25" W x 8.5" L x 0.5" H (10.8 x 21.59 x 1.27 cm)	1 lb (0.45 kg)	-40°C to +80°C

Radiation Patterns



MCD2400PT Elevation Pattern

MCD2400PT Azimuth Pattern