

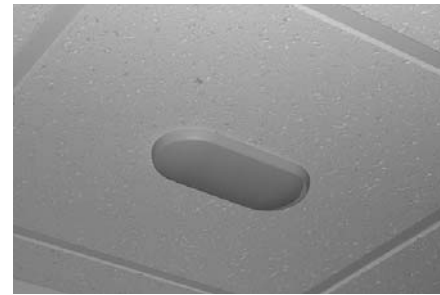
## 2.4 GHz ISM Ceiling Mount Omnidirectional Diversity Antenna

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 connectors.

### Features and Benefits:

- Efficient omnidirectional diversity performance. Provides the excellent performance of two MAXRAD 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 the strictest 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.



MCD2400PT

### General Specifications:

Polarization:  
Vertical, linear

Nominal Impedance:  
50 Ohms

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.  
Side cable exit adapter for solid ceiling mounting.

### 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 #RPTNC)  
Reverse Polarity BNC (part #RPBN)  
TNC (part #C)

### Electrical Specifications

Model #	Frequency Range	Nominal Gain	Isolation	Horizontal Beamwidth	Vertical Beamwidth	VSWR	Maximum Power Input	Connector
MCD2400PT	2400-2485 MHz	2.5 dBi	> 20 dB	360°	40°	< 1.5:1	50 Watts	Various options
MCD2400PT36	2400-2485 MHz	2.2 dBi	> 20 dB	360°	40°	< 1.5:1	50 Watts	Various options

### Mechanical Specifications

Model #	Temperature Range	Dimensions	Weight	Cable
MCD2400PT	-40° C to +80° C	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)	Dual 12" (30.5 cm) Plenum RG58/U CL2P
MCD2400PT36	-40° C to +80° C	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)	Dual 36" (91.4 cm) Plenum RG58/U CL2P