

Wi-Fi Ceiling Mount Omnidirectional Antennas

This antenna is designed to cover frequencies from 2400 to 2485 MHz with a VSWR of less than 2.0:1. The broad elevation plane radiation pattern has been shaped to direct energy where it is needed, while suppressing the misdirected upper and lower sidelobe energy. The result is excellent coverage for a variety of in-building applications.

Features

- Optimized radiation pattern focuses energy where it is needed while suppressing upper and lower sidelobe energy.
- UL Plenum rated RG-58/U coax cable and UL 94-V0 radome meet strict building safety code requirements.
- Includes a 1/4-20" insert that allows clipping to standard ceiling rails for simple in-building installations.



MCO24005PTPT36



RF/Electrical Specifications

Model	Frequency Range	Gain	Horizontal Beamwidth	Vertical Beamwidth
MCO24005PT36	2.42-485 GHz	5.2 dBi	360°	32°

Mechanical Specifications

Model	Dimensions	Cable Length	Weight (Mass)	Temperature Range
MCO24005PT36	9.8" L x 1.0" OD (24.8 x 2.54 cm)	36 inches (91.5 cm)	8 oz. (0.23 kg)	-30°C to 75°C

Technical Data

Maximum Power: 5 watts
Polarization: Vertical, linear
Nominal Impedance: 50 ohms
VSWR: <2.0:1
Cable Type Plenum RG-58/U
Radome Material: UL 94 V0 plastic
Connector Options: (add connector part number after the PT prefix) N, Female (part #NF) Reverse Polarity SMA Plug (part #RPMSMA)* Reverse Polarity TNC Plug (part #RPC)
Mounting Method: 1/4-20 insert for clipping to a ceiling tile rail