

WiFi Ceiling Mount Omnidirectional Antennas

These antennas are designed to cover frequencies from 2400 to 2485 MHz with a VSWR of less than 1.5:1. 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 UL94-V0 radome. Meet strict safety specifications.
- Include a 1/4-20" insert that allows clipping to standard ceiling rails for simple in-building installations.



MCO24005PT

Antenna Electrical Specifications

Model	Frequency Range	Gain	Horizontal Beamwidth	Vertical Beamwidth
MCO24005PT	2400-2485 MHz	5.5 dBi	360°	32°
MCO24005PT36	2400-2485 MHz	5.2 dBi	360°	32°

Mechanical Specifications

Model	Dimensions	Weight (Mass)	Temperature Range
MCO24005PT	9.8" L x 1.0" OD (24.8 x 2.54 cm)	8 oz. (0.23 kg)	-30°C to 75°C
MCO24005PT36	9.8" L x 1.0" OD (24.8 x 2.54 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: < 1.5:1
Radome Material: UL94-V0 plastic
Wind Survival: 125 mph
Cable: 12" (30.5 cm) RG-58/U (MCO24005PT) 36" (91.5 cm) RG-58/U (MCO24005PT36)
Connector Options: (add connector part number after the PT prefix) Reverse Polarity BNC, Male (part #RPBN) N, Female (part #NF) Reverse Polarity Male SMA (part #RPMSMA) Reverse Polarity Male TNC (part #RPC)
Mounting Method: 1/4-20 insert for clipping to a ceiling tile rail