

Ceiling Mount Omnidirectional Antennas

The MC series of antennas provide a low profile ceiling mount solution for indoor applications requiring maximum performance with minimum visibility.

They include a Plenum rated pigtail that can be fitted with a wide variety of connector options. They can be easily mounted to drop ceiling tiles or to a solid ceiling surface where cable routing access is available.

Features

- 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.
- Single hole stud mount or optional side cable exit option. Easy to install on standard ceiling tiles or solid ceiling surfaces.
- Includes side cable exit adapter for solid ceiling mounting.
- Excellent value: superior performance at a competitive price.



The MC antennas are available for various frequency ranges



Technical Data

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|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Maximum Power Input: 50 watts 25 watts (MC24580304PT only) |
| Polarization: Vertical, linear |
| Nominal Impedance: 50 ohms |
| VSWR across the Band: < 2.0:1 |
| Radome Housing: UL listed plastic |
| Connector Options: (add connector part number after the PT prefix) Example: MC2400PTNF (Model MC2400PT with N, female connector) N, Female (part #NF) Female SMA (part #FSMA) Reverse Polarity TNC Plug (part #MRPC) |
| Mounting Method: Stud mount, single hole. Includes side cable exit adapter for solid ceiling mounting. Above ceiling tile mounting bracket is available for applications requiring no visibility of the antenna (sold separately as part #MACM). |

Antenna Electrical Specifications

| Model | Frequency Range | Gain |
|--------------|------------------------------|---------------|
| MC2400PT* | 2.3-2.5 GHz | 2.5 dBi |
| MC24580304PT | 2.4-2.48 GHz / 4.94-5.85 GHz | 3 dBi / 4 dBi |
| MC4900PT | 4.9-5.8 GHz | 2.5 dBi |

Mechanical Specifications

| Model | Dimensions | Weight (Mass) | Temperature Range | Cable |
|--------------|-------------------------------------|---------------------|-------------------|----------------------------------|
| MC2400PT* | 4.25" OD x 0.5" D 10.8 x 1.27 cm | 8 oz. (0.23 kg) | -40°C to +80°C | 12" (30.5 cm) Plenum RG-58/U |
| MC24580304PT | 4.25" OD x 0.5" D 10.8 x 1.27 cm | 10 oz. (0.28 kg) | -40°C to +80°C | 18" (45.75 cm) Plenum RG-58/U |
| MC4900PT | 4.25" OD x 0.5" D 10.8 x 1.27 cm | 10 oz. (0.28 kg) | -40°C to +80°C | 18" (45.75 cm) Plenum RG-58/U |

* This model also available with a 36 inch pigtail and Reverse Polarity TNC plug (Model MC2400PT36RPC)