

Ceiling Mount Bi-directional Antenna

The MHA24580406PT bi-directional indoor antenna is designed for minimum visibility and efficient bi-directional coverage of Wi-Fi and 4.9 GHz Public Safety frequencies. This antenna includes a Plenum rated pigtail that can be terminated with various connector options. Its discrete, bi-directional design makes them ideal for use in hallways and corridors in many types of applications requiring extended wireless coverage in opposite directions.

Features

- Point-to-point, bi-directional design. Provides extended wireless coverage in two directions. Ideal for use in long corridors where a more targeted radiated signal is necessary to achieve adequate coverage.
- Attractive, low profile housing. Blends well in office environments and other locations where aesthetic considerations are important.
- UL listed materials and cable. Meets strict UL safety specifications.
- Mounting bracket clips to standard one inch wide suspended ceiling tile rails. Holes provided for screw ceiling mounting (screws not provided).



MHA Antenna



RF/Electrical Specifications

Model	Frequency Range	Gain	Horizontal Beamwidth	Vertical Beamwidth
MHA24580406PT	2.4-2.48 GHz/ 4.94-5.85 GHz	4 dBi / 6 dBi	70° / 55°	70° / 55°

Mechanical Specifications

Model	Dimensions	Weight (Mass)	Temperature Range	Cable
MHA24580406PT	3" W x 2.5" H x 0.45" D (7.6 x 6.35 x 1.14 cm)	2.6 oz (0.07 kg)	-40°C to +70°C	18" (45.72 cm) Plenum RG-58/U



Technical Data

Maximum Power Input: 25 watts
Polarization: Vertical
Nominal Impedance: 50 ohms
VSWR: < 2.0:1
Radome Material: UL 94V-0 plastic
Connector Options: (add connector part number after the "PT" prefix) Male N (part #NF) Reverse Polarity TNC (part #RPC)
Mounting Method: Mounting bracket clips to standard one inch wide suspended ceiling tile rails. Holes are provided for mounting to a flat ceiling with screws (not included).