

## 2.4 GHz ISM Ceiling Mount Bi-directional Antenna

The MHA2400PT is a vertically polarized, bi-directional indoor antenna designed to provide extended WLAN coverage with minimum visibility. This small antenna measures less than 0.45 inch thick by 3 inches wide by 2.5 inches tall and weighs

### Features and Benefits:

- Point-to-point, bi-directional design. Provides extended wireless coverage in two directions. Ideal for use in long corridors where more focused radiated energy is necessary to achieve adequate signal coverage.
- 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.
- Single hole stud mount or optional side cable exit option. Easy to install on standard ceiling tiles or solid ceiling surfaces.
- Excellent value: superior performance at very competitive prices.

### General Specifications:

#### Radome Material:

UL94-V0 plastic

#### Polarization:

Vertical

#### Mounting Method:

Mounting bracket clips to standard one inch wide suspended ceiling tile rails.

Holes are provided for mounting to flat ceiling with screws (not included).

#### Nominal Impedance:

50 Ohms

2.6 ounces. It provides effective coverage of frequencies from 2300-2500 MHz with 4 dBi gain performance. Its discrete, bi-directional design makes it ideal for use in long corridors.



MHA2400PT



Ceiling Mount  
Bi-directional

### Connector Options:

(add connector part number after the PT prefix):

*Example: MHA2400PTBN (MHA2400PT with BNC, male connector).*

BNC, Male (part #BN)

Female SMA (part #FSMA)

Male SMA (part #MSMA)

Female SMA, reverse threaded (part #FSMART)

Male SMA, reverse threaded (part #MSMART)

TNC, Male (part #C)

Female FME (part #FFME)

### Electrical Specifications

Model #	Frequency Range	Gain	3 dB Horizontal Beamwidth	3 dB Vertical Beamwidth	VSWR	Maximum Power Input
MHA2400PT	2300-2500 MHz	4 dBi	100°	75°	< 2:1	10 Watts

### Mechanical Specifications

Model #	Temperature Range	Dimensions	Weight	Cable
MHA2400PT	-40° C to +71° C	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)	6" (15.2 cm) Plenum RG-58