



2.4GHz 3dBi Ceiling Mount Omni Antenna

The GCB-ACM indoor antenna is made from off-white color ABS plastic. All materials used are UL94VO rated for flammability.

It is an omnidirectional antenna which mounts to ceiling tiles or other ceiling structures.

Features

- Omnidirectional Indoor Antenna
- 3dBi Antenna Gain
- UL Listed Materials and Cable
- Surface Mount in Drop Ceiling or Solid Ceiling
- Vertical Polarization
- Type N Female Connector



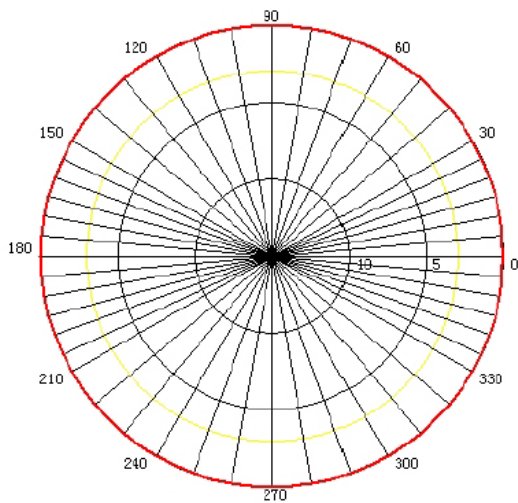
Description

Mounting is simplified with a single hole mount design to easily mount to drop ceilings or fixed ceilings. The antenna comes with a standard 11 inch (28cm) pigtail with an N female connector.

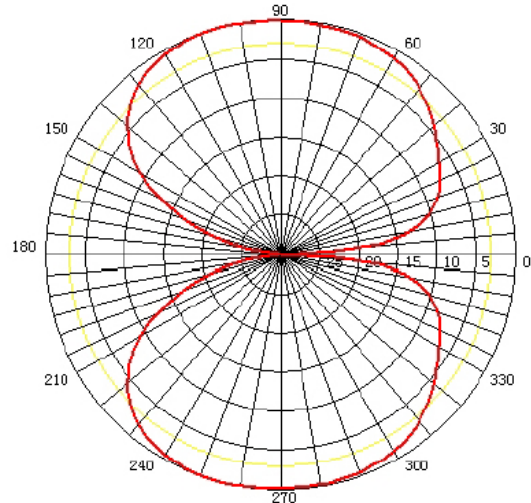
Specifications

- 2400 – 2485MHz frequency range
- 3dBi gain
- -14 input return loss (S_{11})
- 1.5:1 VSWR
- 50 Ohm impedance
- 100W input power
- -10°C to 70°C operating temperature (14°F to 158°F)
- 12in (30cm) cable
- 5/8in (16mm) mounting hole size
- 0.94lb (0.35kg)
- 7in × 2.75in (180mm × 70mm)

Antenna Patterns at 2.45GHz



Azimuth Pattern



Elevation Pattern

Installation Instructions

Step 1 Location: Locate the antenna in a central location within the coverage area. Antenna can be mounted to drop ceiling tiles or fixed ceilings up to 1 in (25mm) thick. Drill a 5/8 in (16mm) or larger hole in the ceiling surface.

Step 2 Mounting: Unscrew the nut from the antenna mounting bolt and over the N Female Connector. Insert the N Female connector through the ceiling hole and re-install the nut. Tighten finger tight. Connect the antenna cable to the feed cable. *Note: Antennas may also be mounted above a drop ceiling if invisibility is a requirement.*

