



MIMO Low Profile Ceiling Mount Antennas available with 2 or 3 MIMO elements

Ceiling Mount, MIMO Mobile WiFi 2.4 & 5 GHz

- Multiple-Input-Multiple-Output antenna
- Models with 2 or 3-cables: each cable with identical bandwidth coverage
- Meets Industry and Military shock and vibration standards

Many of the newest wireless networks, are moving towards greater use of MIMO (Multiple-Input-Multiple-Output) systems and MIMO Antennas.

MIMO systems, also known as spatial multiplexing, transmit different data on different antenna elements. The net result is greater data throughput and improved bandwidth efficiency.

Mobile Mark's MIMO Mobile Antenna provides two or three cable feeds, each with identical frequency coverage. Separate antenna elements are housed within a compact rugged radome.

Each element is fed by a different cable; each cable covers the entire bandwidth specified.

This Low Profile Ceiling Mount Antenna is housed in a rugged, UV Resistant, ASA radome that measures 1.5-inches (38mm) tall x 3.5-inches (89mm) in diameter.

Standard configuration is Low Loss -195 cable with SMA Plug (Male).

The CMD Antenna will stand up to harsh environments. It has a water ingress rating of IPx7 and has been tested to and passed Industry and Military shock and vibration standards.

Model Configurator

CMD-W-3 3 3 -

Cable/Connector 1

Cable/Connector 2

Cable/Connector 3*

Color

Cable Length in Inches (eg. 12 or 180)

Example: CMD-W-3C3C3C-WHT-180

* for 2 cable option, omit one set of cable/connectors
eg. CMD-W-3C3C-WHT-180

| Cable Options: | | Connector Options: | | Color Options: | |
|----------------|--------|--------------------|-----------|----------------|-------|
| Code | Cable | Code | Connector | Code | Color |
| 3 | LL-195 | A | TNC | WHT | White |
| | | B | Mini UHF | BLK | Black |
| | | C | SMA | | |

(Other Configurations available.)

| Specifications | |
|-----------------------|--|
| Frequency: | 2.1-2.7 & 3.3-3.8 GHz |
| Gain: | 4 dBi (peak) |
| VSWR: | 2:1 max over range |
| Isolation: | >20 dB between elements |
| Impedance: | 50 Ohms (nominal) |
| Max power: | 20 Watts |
| Polarization: | Vertical |
| Power: | 20 Watts max |
| Cables: | low loss-195, 15 ft (4.5 m) |
| Case: | 3.5"D x 1.5"H (89 mm x 38 mm) |
| Weight: | 1.0 lbs (.45 kg) |
| Case Material: | UV resistant ASA |
| Color: | White or black |
| CMD Mounting: | Thru-hole, 5/8" (16 mm) diam., 3/4" (19 mm) long threaded stud |
| CMD Mounting Surface: | Up to 1/4" (6.3 mm) thick metal |
| Connectors: | SMA Plug (Male) Standard |
| Operating Temp: | -40° to +85° C |
| Shock and Vibration: | EN 61373, IEEE-1478, MIL-810G TIA-329.2-C |
| Water Ingress: | IPx7 (when properly mounted) |