

Westell® | 132-174/400-570/700-960 MHz

Public Safety Omni Antenna

General Information

Westell's public safety omni antenna is designed with a low profile to support the public safety bands of VHF, UHF, 700, 800, and 900 MHz. Westell's multiband antenna is quality designed with a weather resistant enclosure.

Product Highlights

- Compact, lightweight
- Low profile, high reliability design
- Ideal for public safety DAS
- Easy installation on suspended or drywall ceilings

Frequency Range

- 132-174 MHz, VHF spectrum
- 400-570 MHz, UHF spectrum
- 700-960 MHz, Low band spectrum

Electrical Specifications

| Frequency Range (MHz) | 132-174 | 400-570 | 700-960 |
|-------------------------|------------|---------|---------|
| Horizontal Beamwidth | 360° | | |
| Gain, dBi (Typ) | 1 | 1.5 | 3.5 |
| Polarization | Horizontal | | |
| Impedance (Ohm) | 50 | | |
| VSWR | ≤ 2.5 | ≤ 2.0 | ≤ 2.0 |
| Maximum Input Power (W) | 25 (Max) | | |

Specifications subject to change without notice.
Please check www.westell.com for the latest specifications.



CS03-050-136, Public Safety Ceiling Mount Omni Antenna

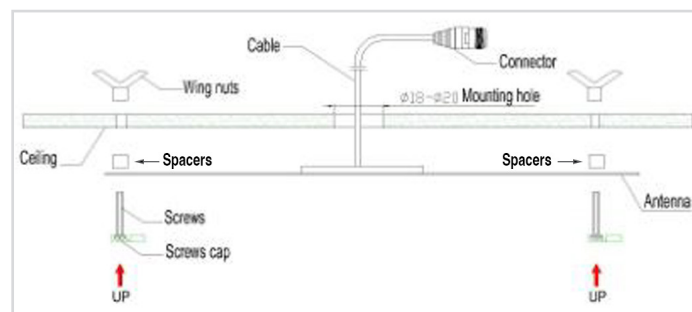
Ordering information

| Part Number | Descriptions |
|--------------|---|
| CS03-050-136 | Public safety ceiling mount omni antenna, 132-960 MHz, 1/1.5/3.5dBi, N(f) |

Mechanical Specifications

| | |
|------------------------------|--|
| Case Material | ABS |
| Operating Temp. Range, F (C) | -40° - +140° (-40° - +60°) |
| Storage Temp. Range, F (C) | -76° - +185° (-60° - +85°) |
| Dimensions LxWxD, in (mm) | 15.35x13.59x0.47 (390x345x12) |
| Weight, lbs (kg) | 1.2 (0.55) |
| Connectors | N-Female |
| Color | White |
| Waterproof | IP65 |
| Application | Indoor |
| Mounting | Mounts to suspended ceiling tile and drywall ceiling |

Installation:



Installation shown above on suspended ceiling tile. When mounting to drywall, use included drywall anchors. Antenna ships with screws, screw caps, drywall anchors, and spacers included.



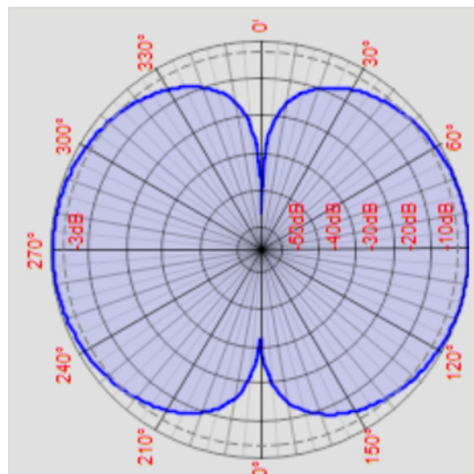
Westell® | 132-174/400-570/700-960 MHz

Public Safety Omni Antenna

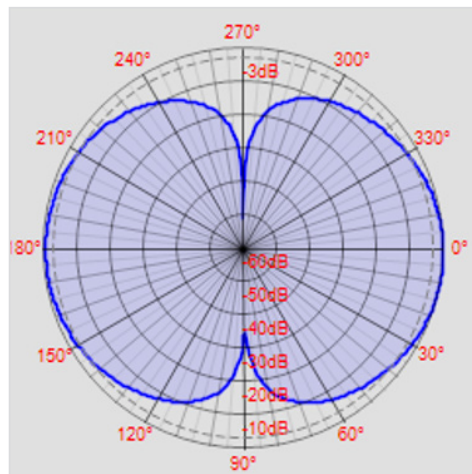


Horizontal Radiation Patterns

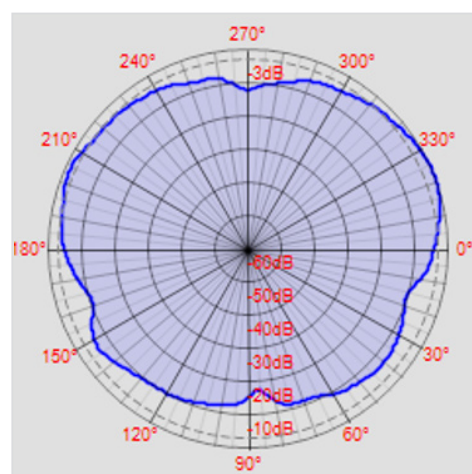
VHF 132-174 MHz, Typical Pattern



UHF 400-570 MHz, Typical Pattern

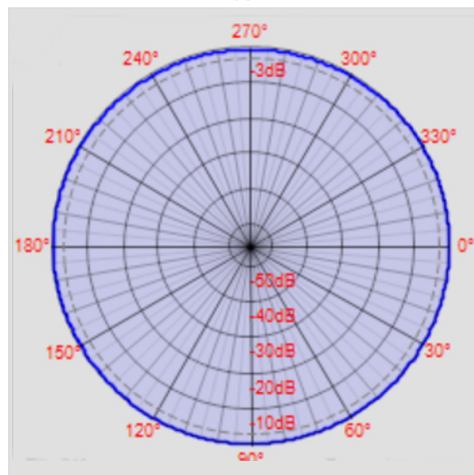


700-960 MHz, Typical Pattern

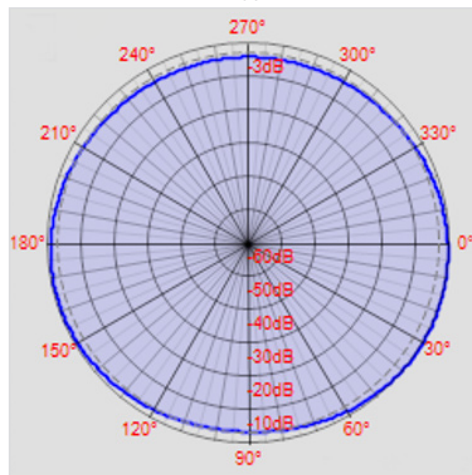


Vertical Radiation Patterns

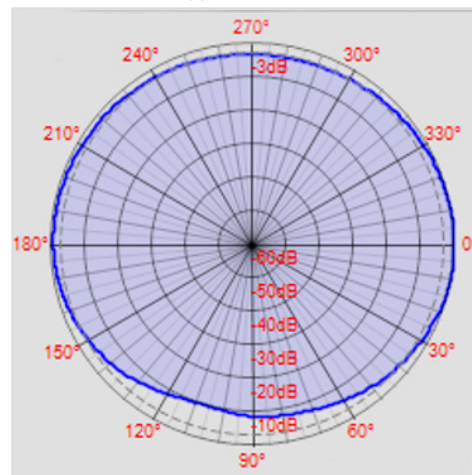
VHF 132-174 MHz, Typical Pattern



UHF 400-570 MHz, Typical Pattern



700-960 MHz, Typical Pattern



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