

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 radome 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

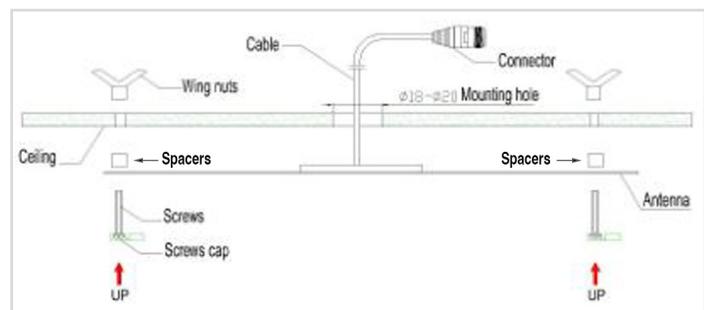
Ordering information

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.



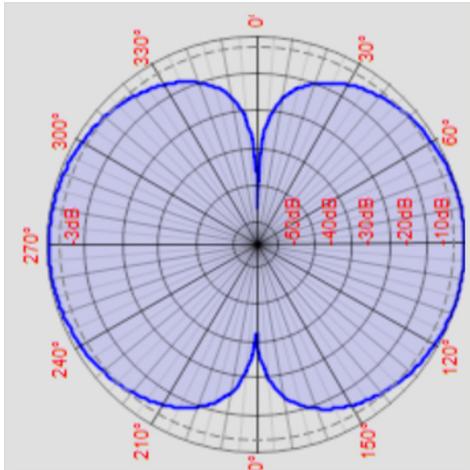
Westell® | 132-174/400-570/700-960 MHz

Public Safety Omni Antenna

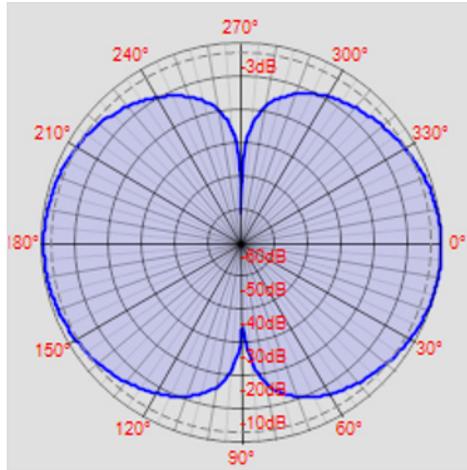


Horizontal Radiation Patterns

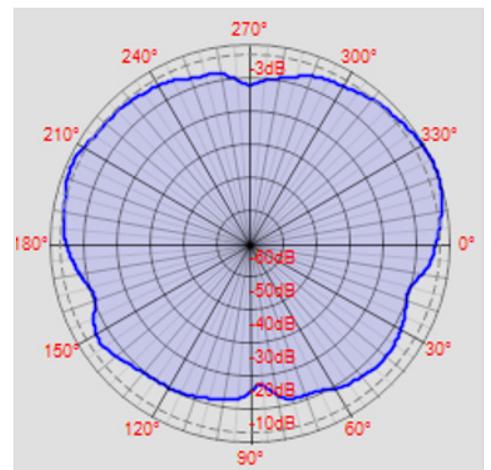
VHF 132-174 MHz, Typical Pattern



UHF 400-570 MHz, Typical Pattern

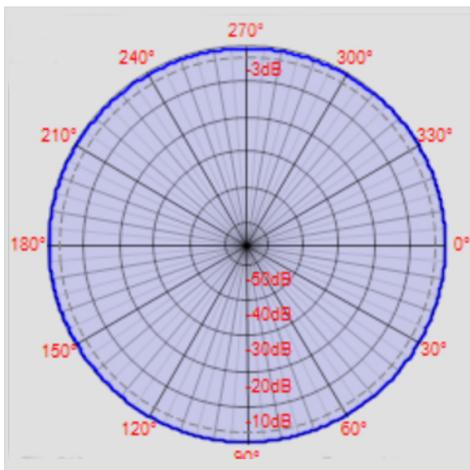


700-960 MHz, Typical Pattern

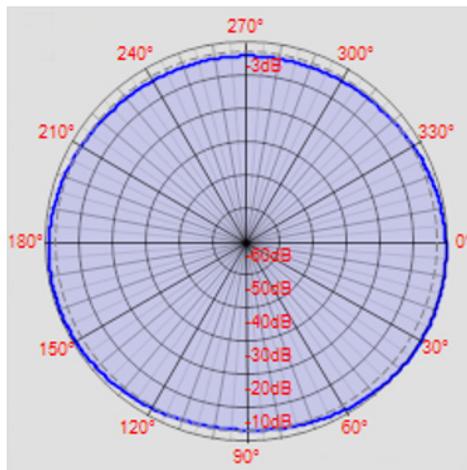


Vertical Radiation Patterns

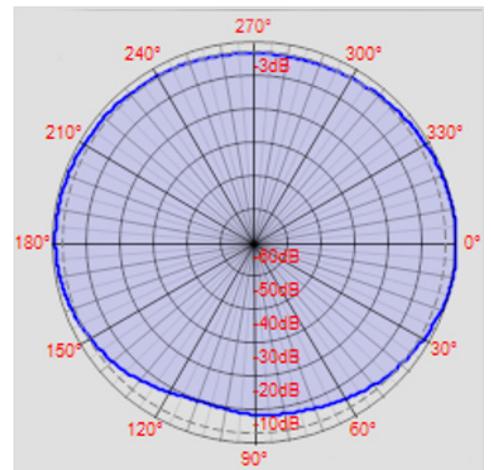
VHF 132-174 MHz, Typical Pattern



UHF 400-570 MHz, Typical Pattern



700-960 MHz, Typical Pattern



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