Westell® | 380-4000 MHz

Public Safety Ceiling Mount Low Profile UHF Omnidirectional Antenna

General Information

Westell's Public Safety omnidirectional coverage antenna supports multiband designs and ensures consistency in coverage from 380 – 4000 MHz.

The low-profile design allows for flexibility with a more natural placement of antennas where esthetics are a factor when deploying for Commercial or Public Safety applications. Also, the Ultra Slim antenna's broad frequency support makes supporting UHF, 700/800 MHz PS, Cellular, AWS, and C-Band frequencies easy.

Public Safety Ceiling Mount, Low Profile, Omnidirectional Antenna

Product Highlights

- Future proof
- Low cost
- Small footprint
- Slim profile
- Multiband design

Applications

- UHF, CBRS, C-Band, GSM, 3G/UMTS, LTE, 5G
- In-building coverage for commercial, public safety up to C-Band

Ordering information

Part Number	Descriptions
CS03-043-380	Public Safety Antenna Ceiling Mount / Low Profile / Omni / 380-4000 MHz (N/F)

Electrical Specifications

Frequency Range (MHz)	380-520	698-960	1710-2700	3300-4000
Gain (dBi)	2.0 ± 1	2.0 ± 1	4.0 ± 1	4.5 ± 1
VSWR	≤2.0	≤2.0	≤1.8	≤1.8
Polarization	Horizontal			
PIM. 3rd Order, 2x20W (dBc)	N/A	≤-153	≤-153	N/A
Horizontal Beam Width	360°			
Vertical Beam Width	120°	85°	76°	58°
Impedance (Ω)	50			
Maximum Input Power (W)	50			
Lightning Protection	DC Ground			

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

Mechanical Specifications

Connector	N Female
Size (In)	11 x 0.74
Weight (lb)	1.21
Radome Material	ABS (UV stabilized)
Radome Color	White
Operating Temperature (F/C)	-40°~149° / -40°~65°

Rear View, CS03-043-380

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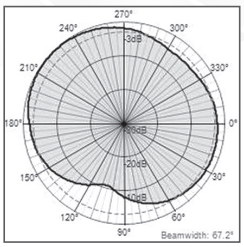
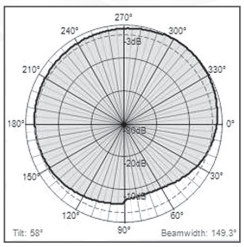
Public Safety Ceiling Mount Low Profile UHF Omnidirectional Antenna

Sample Antenna Patterns*

400 MHz

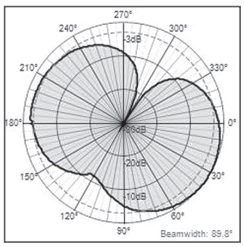


Vertical, 67.2° Beamwidth

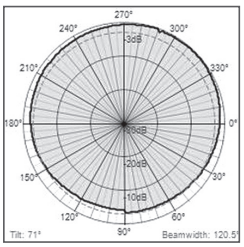


Horizontal, 149.3° Beamwidth

470 MHz

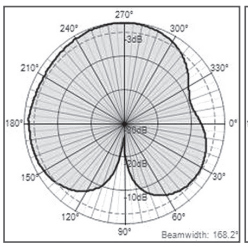


Vertical, 89.8° Beamwidth

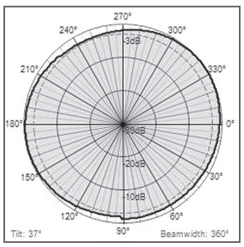


Horizontal, 120.5° Beamwidth

698 MHz

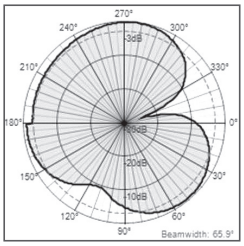


Vertical, 168.2° Beamwidth

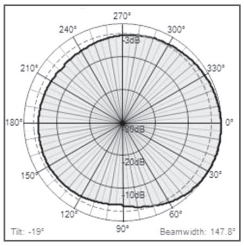


Horizontal, 360° Beamwidth

760 MHz

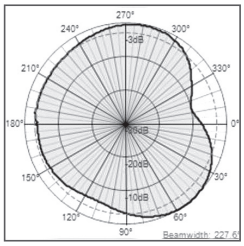


Vertical, 65.9° Beamwidth

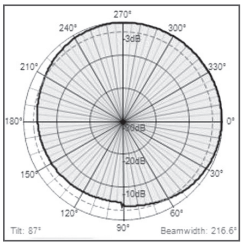


Horizontal, 147.8° Beamwidth

806 MHz

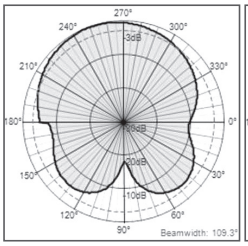


Vertical, 227.6° Beamwidth

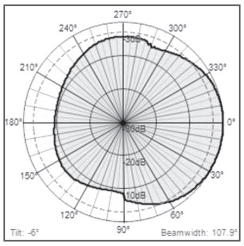


Horizontal, 216.6° Beamwidth

896 MHz

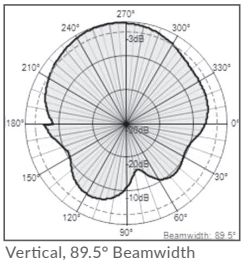


Vertical, 109.3° Beamwidth

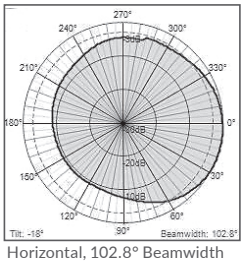


Horizontal, 107.9° Beamwidth

960 MHz

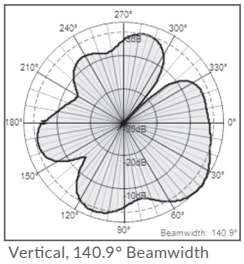


Vertical, 89.5° Beamwidth

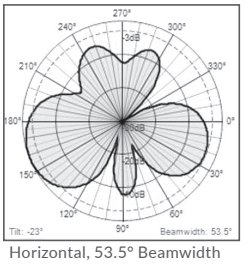


Horizontal, 102.8° Beamwidth

1710 MHz

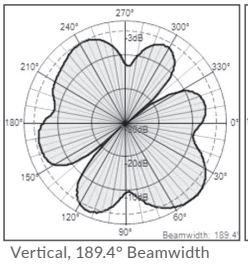


Vertical, 140.9° Beamwidth

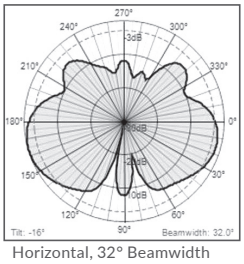


Horizontal, 53.5° Beamwidth

1990 MHz

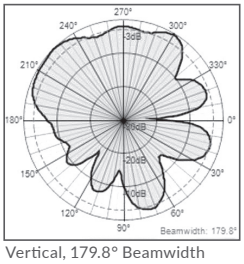


Vertical, 189.4° Beamwidth

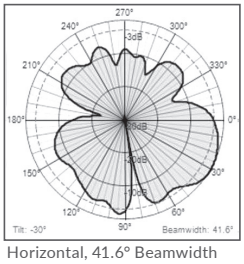


Horizontal, 32° Beamwidth

2500 MHz

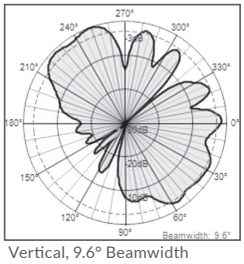


Vertical, 179.8° Beamwidth

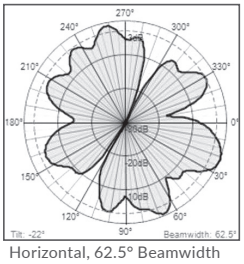


Horizontal, 41.6° Beamwidth

3500 MHz

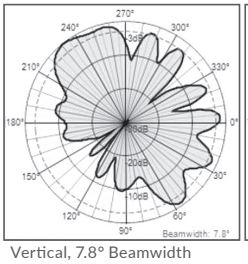


Vertical, 9.6° Beamwidth

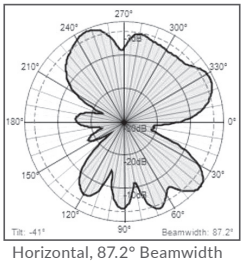


Horizontal, 62.5° Beamwidth

3700 MHz

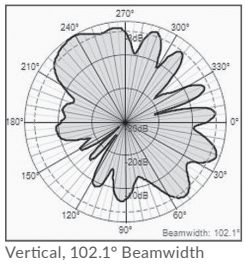


Vertical, 7.8° Beamwidth

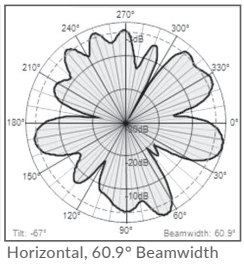


Horizontal, 87.2° Beamwidth

3950 MHz



Vertical, 102.1° Beamwidth



Horizontal, 60.9° Beamwidth

*Additional patterns with enlarged images are available upon request.