

# 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.

## 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

## 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](http://www.westell.com) for the latest specifications.



Public Safety Ceiling Mount, Low Profile, Omnidirectional Antenna

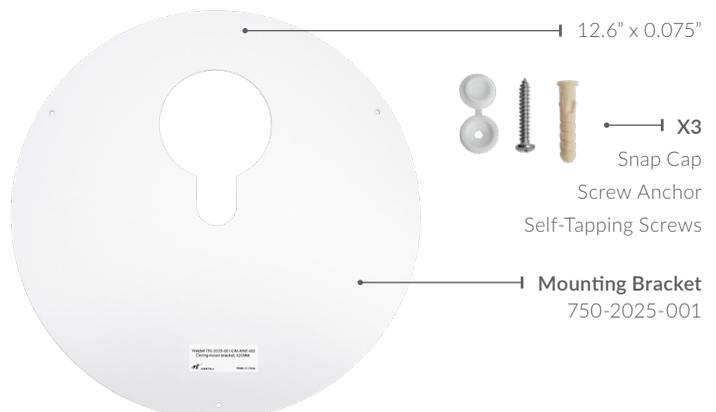
## Ordering information

Part Number	Descriptions
CS03-043-380	Public Safety Antenna Ceiling Mount / Low Profile / Omni / 380-4000 MHz (N/F)
750-2025-001	PVC ceiling antenna mounting bracket
CS03-043-380-BK	Antenna mounting bracket bundle includes CS03-043-380 antenna with PVC ceiling antenna mounting bracket (#750-2025-001).

## 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°

## PVC Ceiling Mount, #750-2025-001



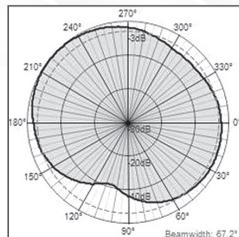
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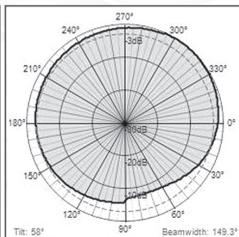


## Sample Antenna Patterns\*

### 400 MHz

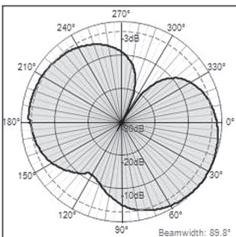


Vertical, 67.2° Beamwidth

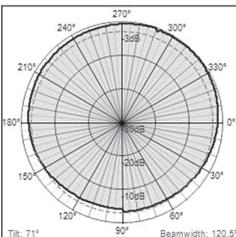


Horizontal, 149.3° Beamwidth

### 470 MHz

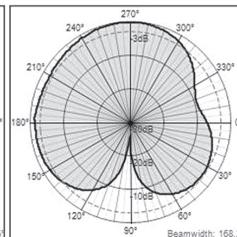


Vertical, 89.8° Beamwidth

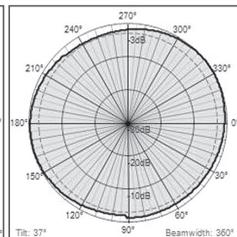


Horizontal, 120.5° Beamwidth

### 698 MHz

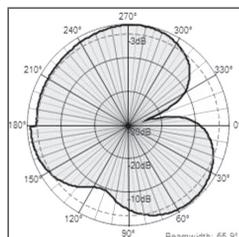


Vertical, 168.2° Beamwidth

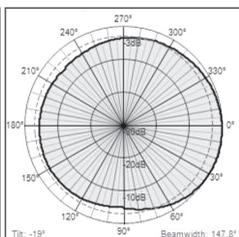


Horizontal, 360° Beamwidth

### 760 MHz

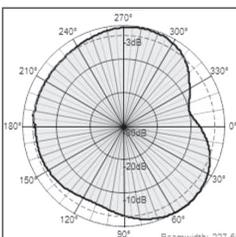


Vertical, 65.9° Beamwidth

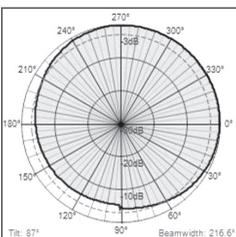


Horizontal, 147.8° Beamwidth

### 806 MHz

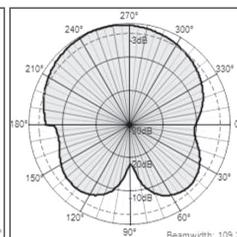


Vertical, 227.6° Beamwidth

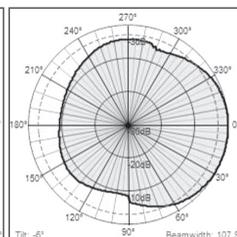


Horizontal, 216.6° Beamwidth

### 896 MHz

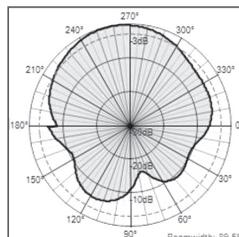


Vertical, 109.3° Beamwidth

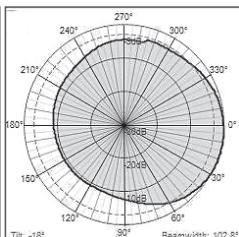


Horizontal, 107.9° Beamwidth

### 960 MHz

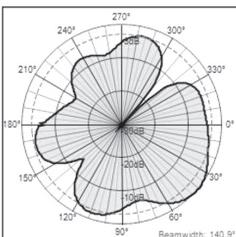


Vertical, 89.5° Beamwidth

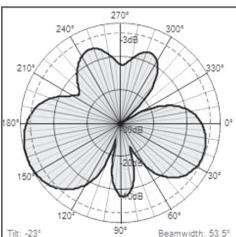


Horizontal, 102.8° Beamwidth

### 1710 MHz

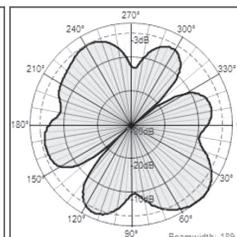


Vertical, 140.9° Beamwidth

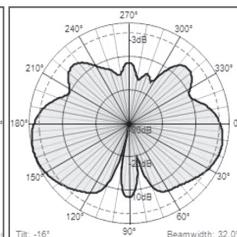


Horizontal, 53.5° Beamwidth

### 1990 MHz

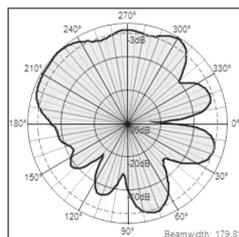


Vertical, 189.4° Beamwidth

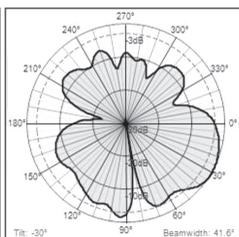


Horizontal, 32° Beamwidth

### 2500 MHz

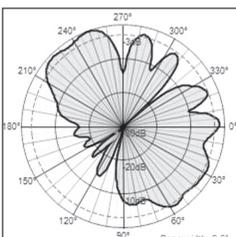


Vertical, 179.8° Beamwidth

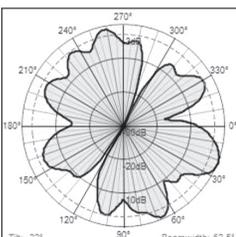


Horizontal, 41.6° Beamwidth

### 3500 MHz

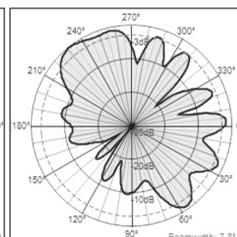


Vertical, 9.6° Beamwidth

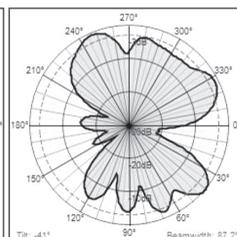


Horizontal, 62.5° Beamwidth

### 3700 MHz

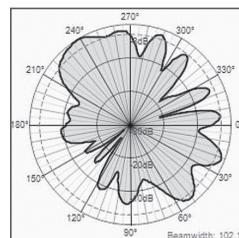


Vertical, 7.8° Beamwidth

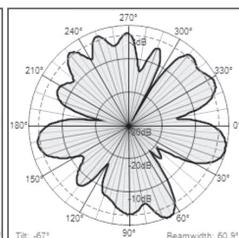


Horizontal, 87.2° Beamwidth

### 3950 MHz



Vertical, 102.1° Beamwidth



Horizontal, 60.9° Beamwidth

\*Additional patterns with enlarged images are available upon request.



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