

Westell® | 380-960 MHz Directional Antenna

Public Safety UHF Panel

General Information

Westell's directional Public Safety panel antenna is designed to operate in the Public Safety bands of UHF, 700, 800, and 900 MHz frequencies while focusing energy in a particular direction. Westell's multiband directional antenna is quality designed with weather resistant radome enclosure.

Product Highlights

- Panel Design
- Weather Resistant Radome
- IP56

Frequency Range

- 380-520 MHz
- 698-960 MHz

Electrical Specifications

Frequency Range (MHz)	380-520	698-960
Horizontal Beamwidth	130°	80°
Vertical Beamwidth	120°	45°
Gain, dBi (Typ)	3	5
Polarization	Vertical, Linear	
Impedance	50 Ohm	
VSWR	≤ 2:1	≤ 2.5:1
Front to Back Ratio, dB (Typ)		
700 MHz	13	
850 MHz	8	
1900 MHz	19	
2100 MHz	15	
2300 MHz	22	
Maximum Input Power	50 Watts Max	
Lightning Protection	Direct Ground	

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



Public Safety Panel Mount Directional Antenna

Ordering information

Part Number	Descriptions
CS03-045-380	Public Safety Panel Mount, Indoor/Outdoor Directional, 380-960 MHz, N(f)

Mechanical Specifications

Case Material	ABS with UV Stabilized
Operating Temperature Range	-40° C to +65° C
Dimensions	12.6 x 7.7 x 2.6 in.
Weight	1.45 lbs (2.5 lbs with bracket)
Connectors	N-Female
Universal bracket included for additional mounting options (U-bolt compatible)	

Additional Product Images:



Rear View, CS03-045-380



Mounting Bracket



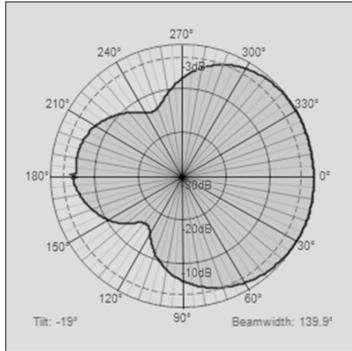
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Public Safety UHF Panel

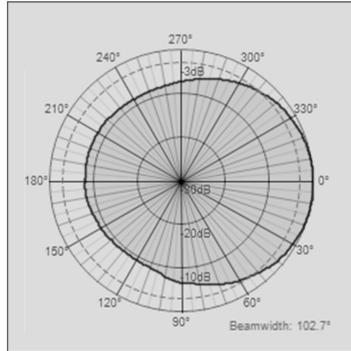


Radiation Patterns

380 MHz

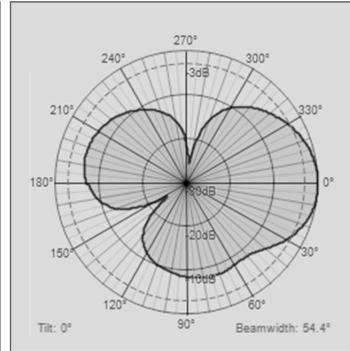


Vertical, 139.9° Beamwidth

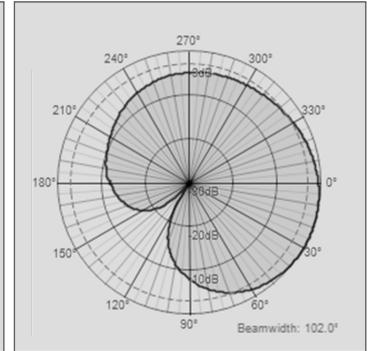


Horizontal, 102.7° Beamwidth

580 MHz

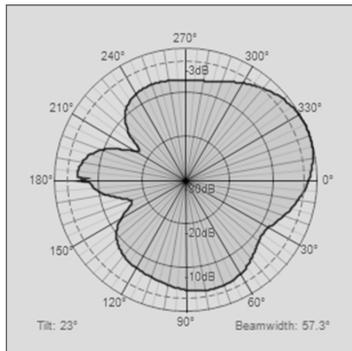


Vertical, 54.4° Beamwidth

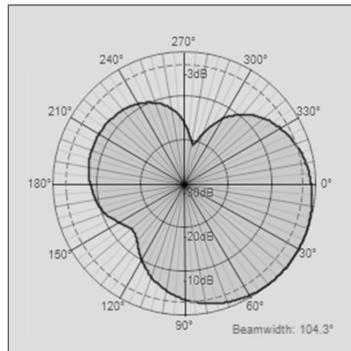


Horizontal, 102° Beamwidth

698 MHz

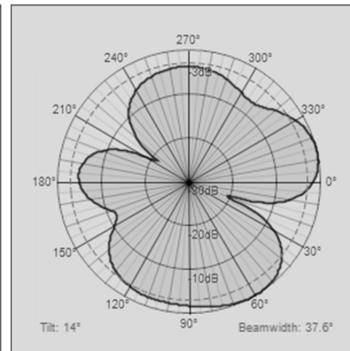


Vertical, 57.3° Beamwidth

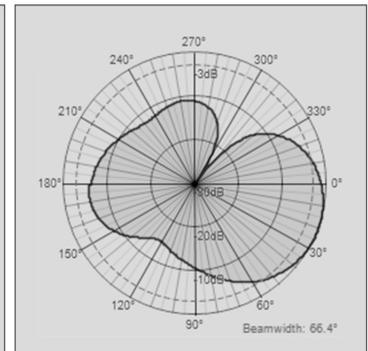


Horizontal, 104.3° Beamwidth

960 MHz



Vertical, 37.6° Beamwidth



Horizontal, 66.4° Beamwidth



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