

ClearLink® | Multiband Directional Antenna

Indoor/Outdoor



General Information

Westell's multiband directional antenna is designed to operate in multiple bands of 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

- 698-960 MHz
- 1710-2700 MHz



Electrical Specifications

Horizontal Beamwidth	See Radiation Patterns Below
Vertical Beamwidth	See Radiation Patterns Below
Gain, dBi (Typ) 698-960 MHz 1710-2700 MHz	 4 7
Polarization	Vertical, Linear
Impedance	50 Ohm
VSWR	
698-806 MHz	≤ 1.6:1
806-960, 1710-2700 MHz	≤ 1.5:1
PIM	≤-153 dBc (2 tone x 43 dBm)
Front to Back Ratio, dB (Typ) 700 MHz 850 MHz 1900 MHz 2100 MHz 2300 MHz	 13 8 19 15 22
Maximum Input Power	50 Watts Max - 2W Typical Application
Lightning Protection	Direct Ground

Specifications subject to change without notice.

Ordering information

Part Number	Descriptions
CS03-012-389	ClearLink-D/698-2.7K/N
CS03-012-389-02	ClearLink-D/698-2.7K/4310

Mechanical Specifications

Case Material	ABS with UV Protection
Operating Temperature Range	-40° C to +70° C
Dimensions	8.19 x 7.00 x 1.72 in.
Weight	1 lb.
Pigtail	Low PIM Plenum Rated 11 in. Cable
Connectors	N-Female, and 4.3-10 Female
Universal bracket included for additional mounting options (U-bolt compatible)	



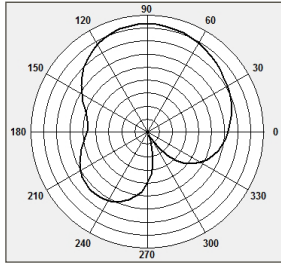
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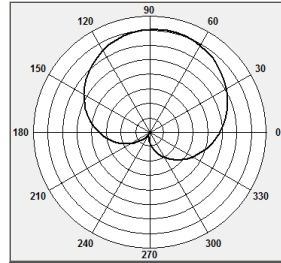


Radiation Patterns

704 MHz

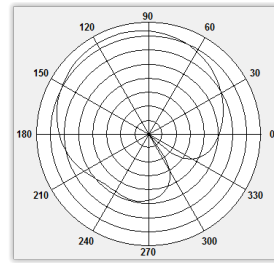


Vertical, 78° Beamwidth

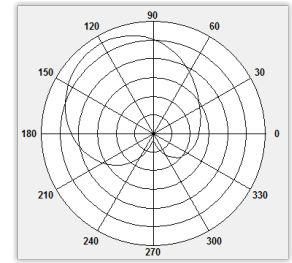


Horizontal, 123° Beamwidth

824 MHz

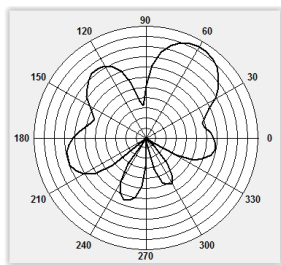


Vertical, 59° Beamwidth

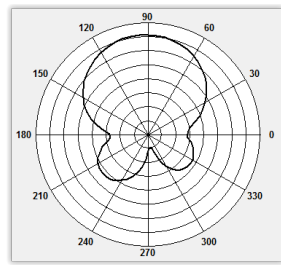


Horizontal, 115° Beamwidth

1990 MHz

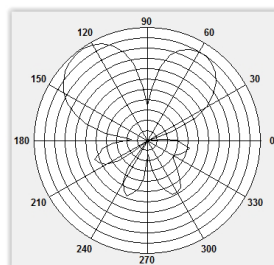


Vertical, 40° Beamwidth

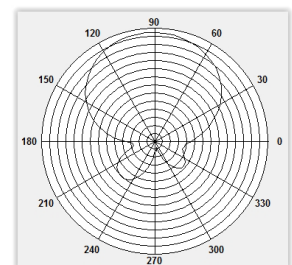


Horizontal, 65° Beamwidth

2100 MHz

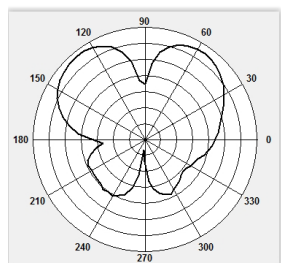


Vertical, 52° Beamwidth

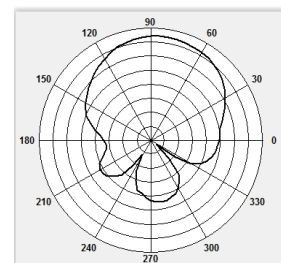


Horizontal, 74° Beamwidth

2350 MHz



Vertical, 43° Beamwidth



Horizontal, 81° Beamwidth



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