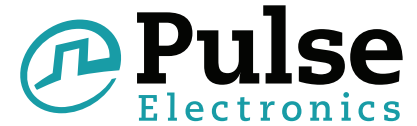


# PIMinator™ Series Low PIM In-building Omni Antenna with NF Connector

Pulse Part Number DASLTENF



Industry leading -155 dBc certified low Passive Inter-Modulation (PIM) Distributed Antenna System (DAS) In-Building ceiling mount omni antennas. The Pulse Electronics line of DAS in-building low PIM omni antennas meet the most demanding PIM requirements for 2G, 3G, and LTE/4G bands.

These low PIM antennas help meet increasing demand for high data rates and streaming video for mobile devices. The wide band design meets the needs of operators around the world.

#### Features

- Industry leading -155 dBc PIM rating
- Covers cellular bands, WiFi and WiMAX from 698 through 5900MHz
- Aesthetically pleasing injection molded radome
- PIM certified
- RoHS compliant product
- Patent pending

#### Applications

- In-Building DAS systems requiring best PIM performance

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Vancouver, WA 360 944 7551

Europe 49 7032 7806 0

Asia 86 755 33966678

North Asia 886 3 4356768

China 86 512 6807 9998

# PIMinator™ Series

## Low PIM In-building Omni Antenna with NF Connector

Pulse Part Number DASLTENF

### Electrical Specifications

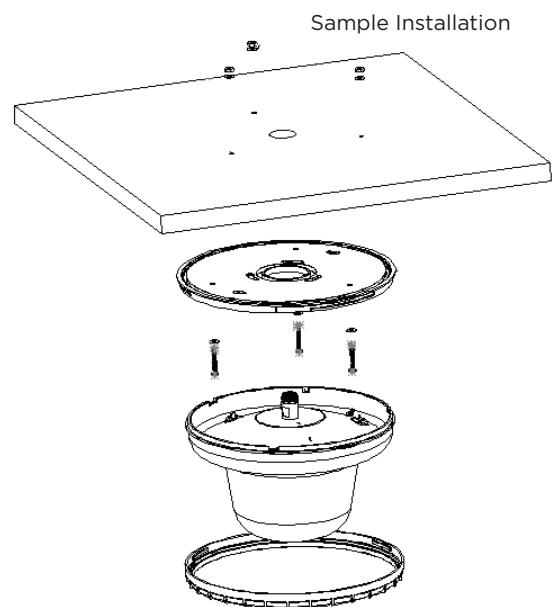
Frequency [MHz]		698-960/1710-2170/ 2300-2700/4900-5900
Nominal Impedance [Ω]		50
VSWR	698-960 MHz	1.8:1
	1710-5900 MHz	1.5:1
Gain	698-960 MHz [dBi typ]	2
	1710-2700 MHz [dBi typ]	6
	4900-5900 MHz [dBi typ]	8
Radiation Pattern	HPBW Horizontal Plane at 45° [°]	360
	HPBW Vertical Plane (698-960) [° typ]	85
	HPBW Vertical Plane (1710-5900) [° typ]	50
Polarization		Vertical
Power Rating [W]		50
PIM at 2x20 Watts [dBc]		-155
Connector		N Female

### Environmental Specifications

Operating Temperature [°C]	-40 to +70
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### Mechanical Specifications

Radome Material	UV Protected, UL94 V-0
Color	White
Weight [oz/g]	17.28 / 490
Overall Height [Inches/mm]	4.81 / 122.1
Diameter [Inches/mm]	8.27 / 210.2
Mounting	Ceiling mounting plate (included) [.875"/22.2mm Ø hole]



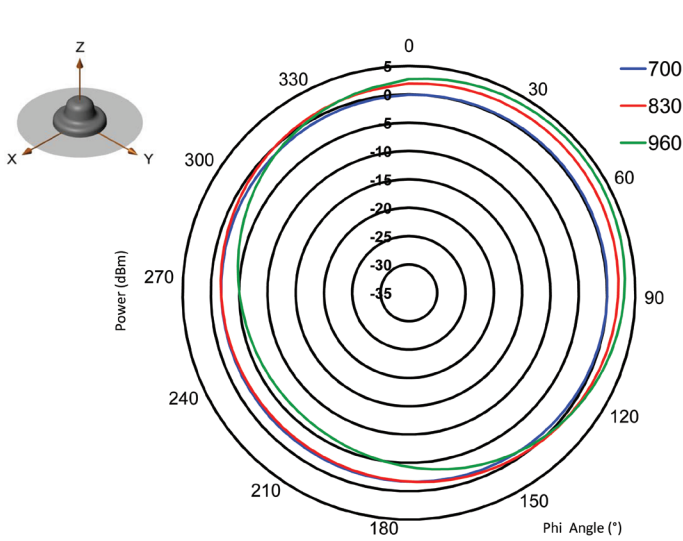
# PIMinator™ Series

## Low PIM In-building Omni Antenna with NF Connector

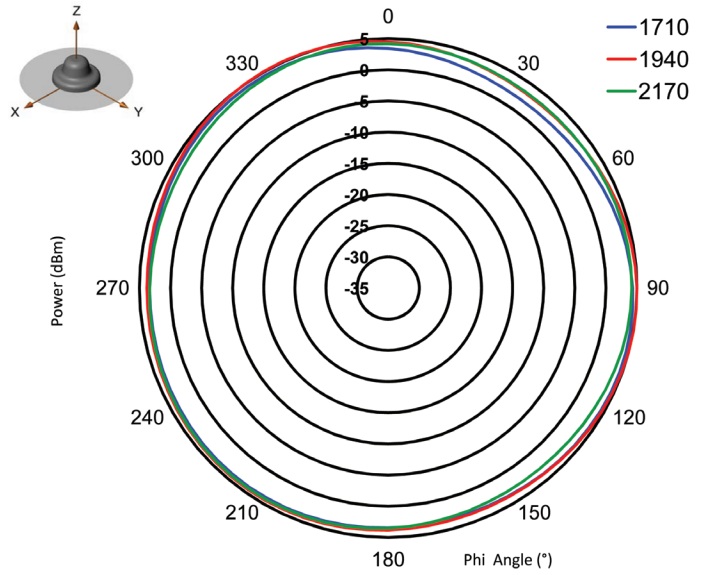
Pulse Part Number DASLTENF

### Radiation Patterns

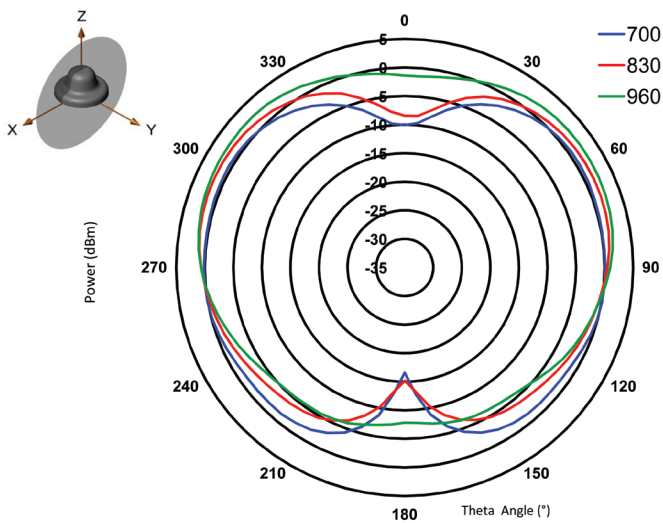
Horizontal Plane - 698-960 MHz



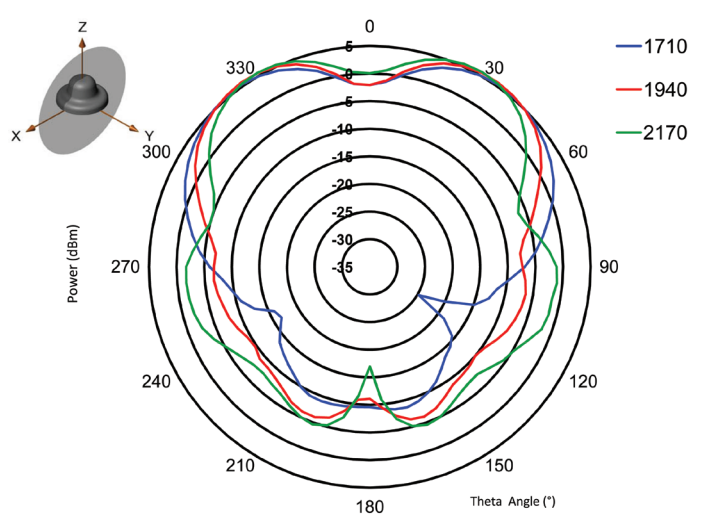
Horizontal Plane - 1710-2170 MHz



Vertical Plane - 698-960 MHz



Vertical Plane - 1710-2170 MHz



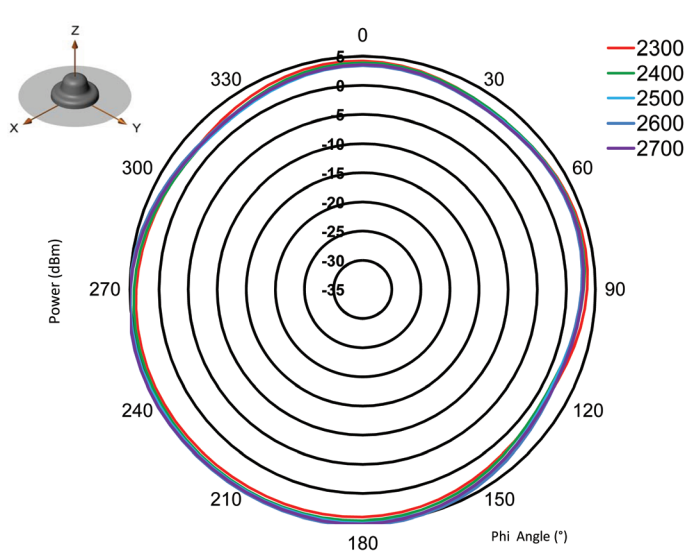
# PIMinator™ Series

## Low PIM In-building Omni Antenna with NF Connector

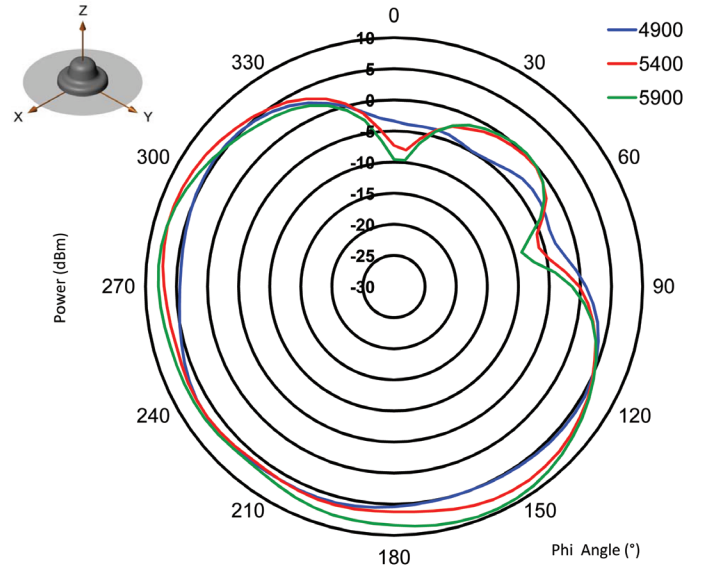
Pulse Part Number DASLTENF

### Radiation Patterns

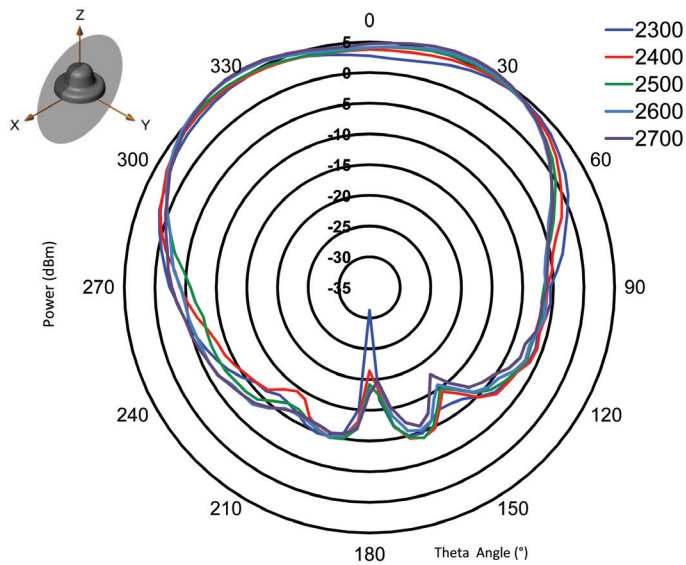
Horizontal Plane - 2300-2700 MHz



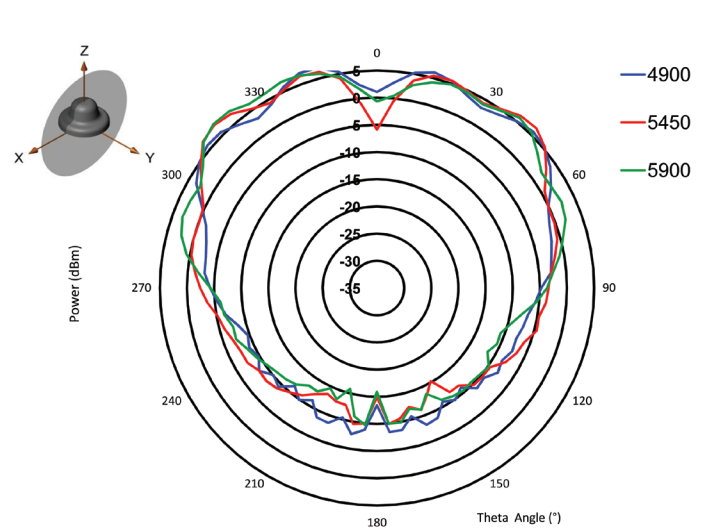
Horizontal Plane - 4900-5900 MHz



Vertical Plane - 2300-2700 MHz



Vertical Plane - 4900-5900 MHz



### For More Information

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