

LTE Dipole

Pulse Part Number SPDA24700/2700



Pulse is proud to announce the SPDA24700/2700 which provides a 4G swivel blade antenna for access points, routers and small base station applications. The SPDA24700/2700 covers the LTE frequency ranges of 698-960/1710-2170/2500-2700 MHz providing omnidirectional radiation with a gain of 2 dBi.

The blade package is a right angle swivel provided in black plastic with dimensions of .94" x 7.72" (23.8 mm x 196 mm) in the right angle position. It is supplied with an SMA Male connector. Other connectors are available on request, so contact Pulse for further information

Features

- 4G Swivel Blade Antenna
- Performance across the LTE frequency bands
- 698-960/1710-2170/2500-2700 MHz
- Up to 2 dBi Gain
- SMA connector
- RoHS Compliant Product

Applications

- 4G Router, Hub or Access point
- Small Base Station
- Femto Cell
- SOHO

P/N	Connector
SPDA24700/2700	SMA Male

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Electrical Specifications

Frequency [MHz]	698-960/1710-2170/ 2500-2700
Nominal Impedance [Ω]	50
VSWR	2.5:1
Gain [dBi]	0 Min-2 Max
Polarization	Linear Vertical
Radiation Pattern	Omni
Power Rating [W]	3

Environmental Specifications

Operating Temperature [$^{\circ}$ C]	-30 to +70
Storage Temperature [$^{\circ}$ C]	-40 to +85

Mechanical Specifications

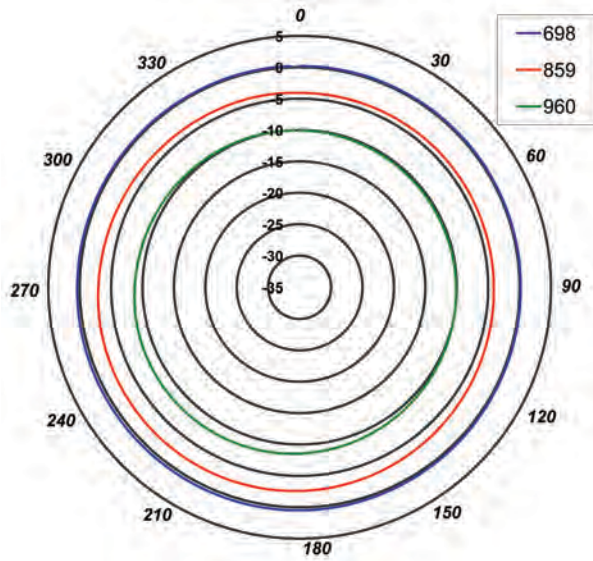
Radome Material	PC/ABS
Color	Black
Weight [oz/g]	1.66 / 47
Dimensions [In/mm]	9 / 228
Flamability Rating	UL94 V-0

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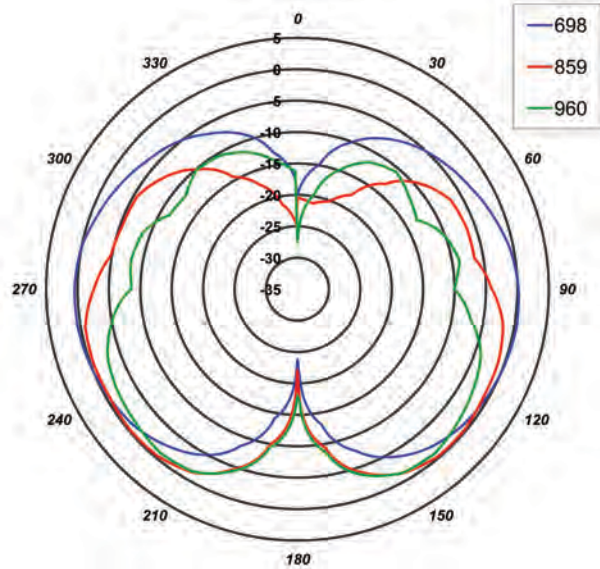
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Radiation Patterns

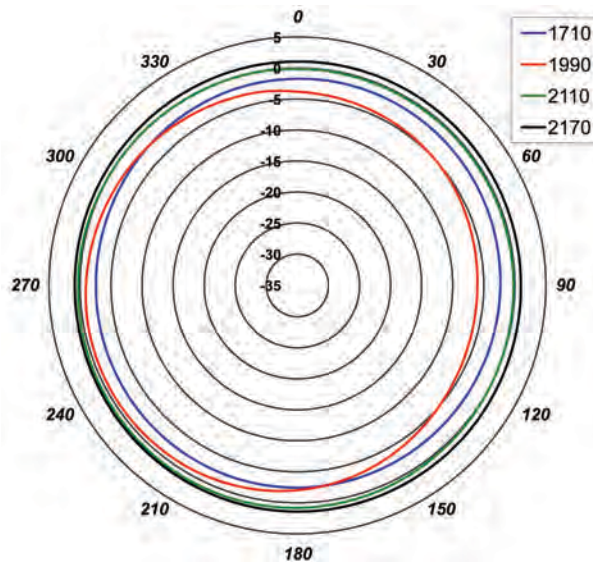
Horizontal Plane (698-960 MHz)



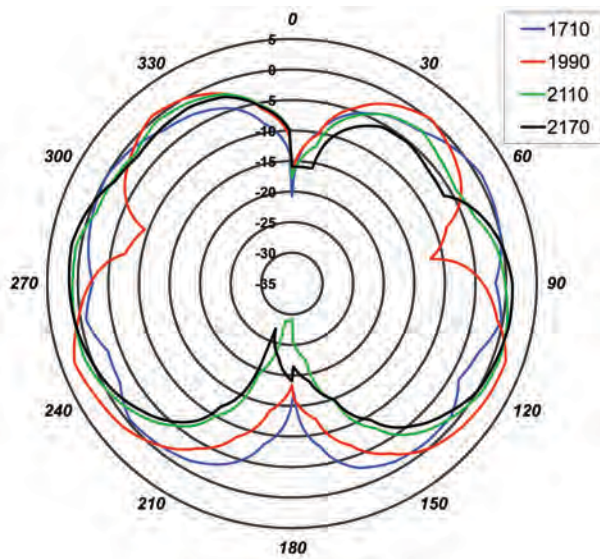
Vertical Plane (698-960 MHz)



Horizontal Plane (1710-2170 MHz)



Vertical Plane (1710-2170 MHz)



For More Information

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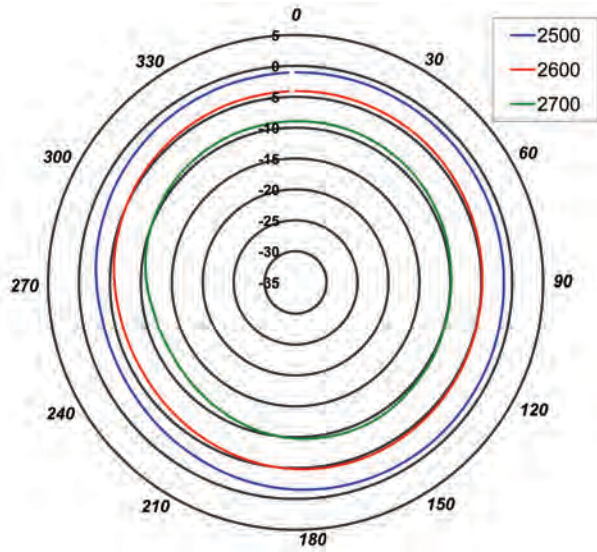
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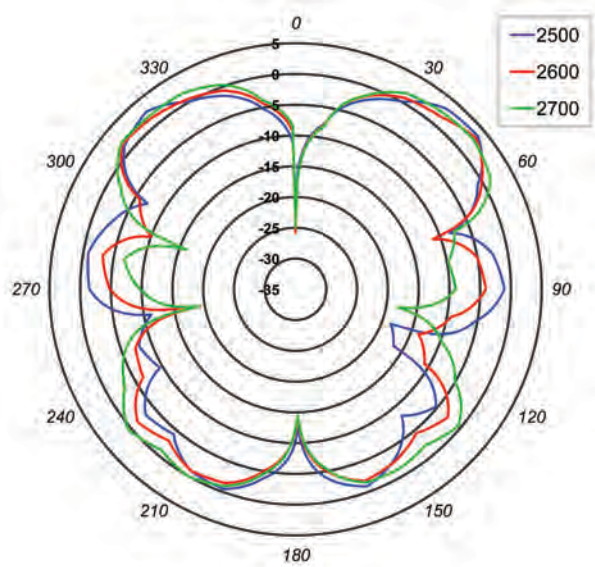
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Radiation Patterns

Horizontal Plane (2500-2700 MHz)



Vertical Plane (2500-2700 MHz)



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