



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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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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LTE Dipole

Pulse Part Number SPDA24700/2700

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

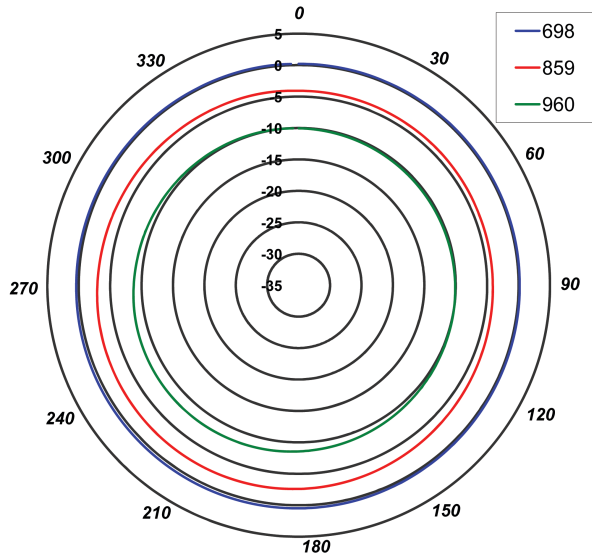
Radome Material	PC/ABS
Color	Black
Weight [oz/g]	1.66 / 47
Dimensions [In/mm]	9 / 228
Flamability Rating	UL94 V-0

LTE Dipole

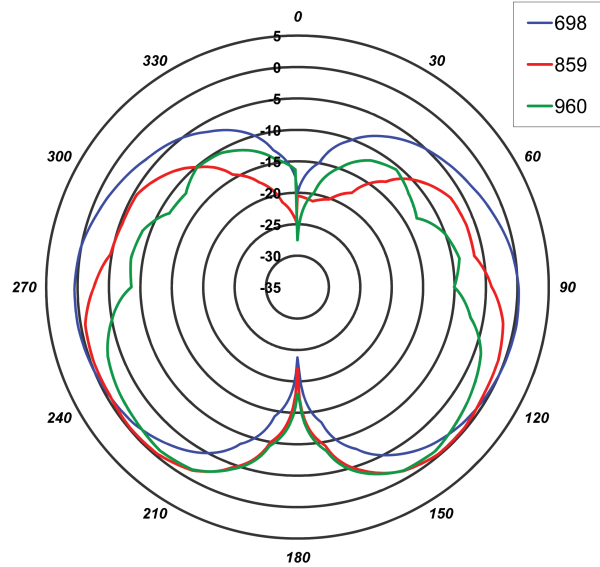
Pulse Part Number SPDA24700/2700

Radiation Patterns

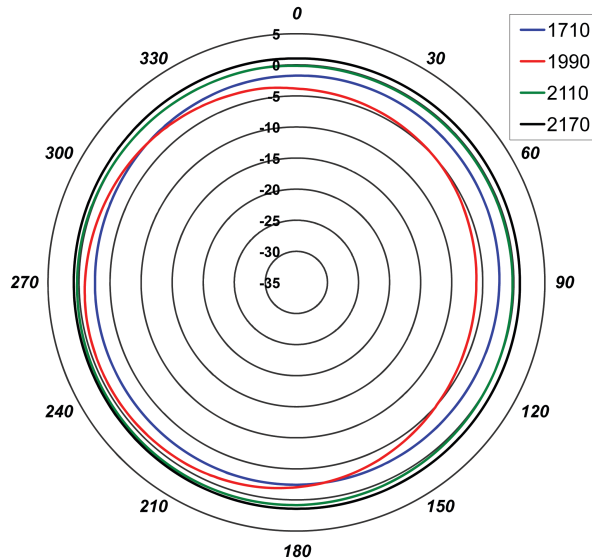
Horizontal Plane (698-960 MHz)



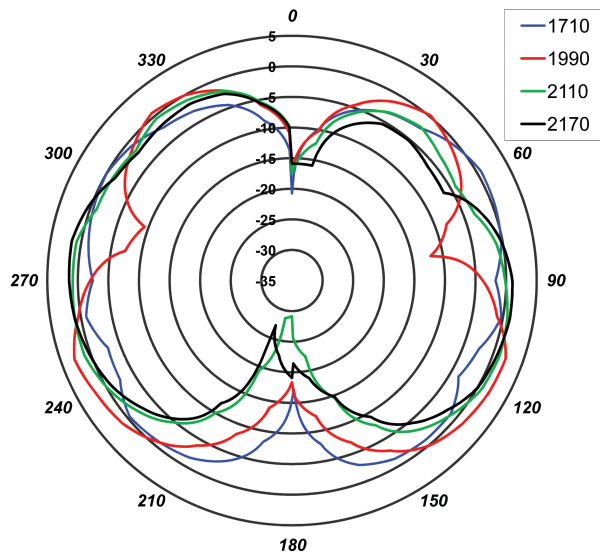
Vertical Plane (698-960 MHz)



Horizontal Plane (1710-2170 MHz)



Vertical Plane (1710-2170 MHz)



For More Information

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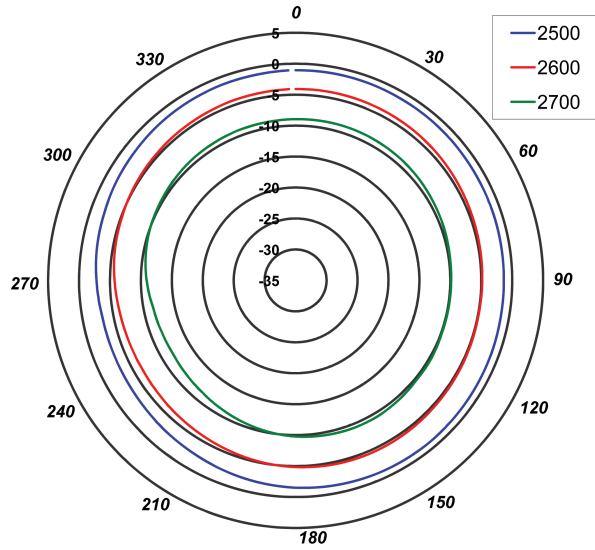
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LTE Dipole

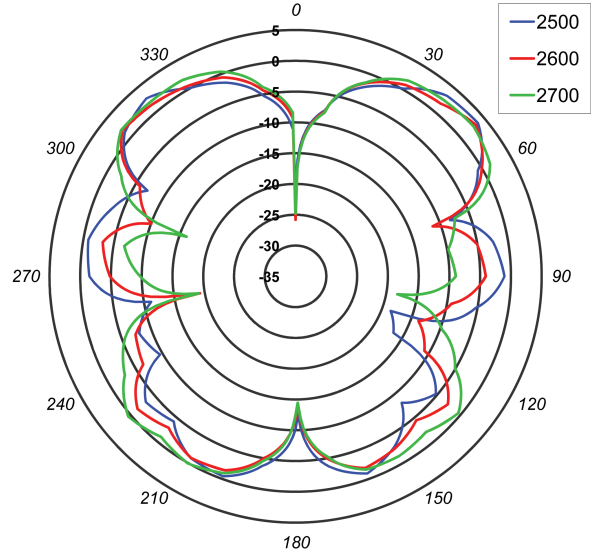
Pulse Part Number SPDA24700/2700

Radiation Patterns

Horizontal Plane (2500-2700 MHz)



Vertical Plane (2500-2700 MHz)



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