



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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# 2.4/4.9 GHz External Vehicle or Enclosure Direct Mount Antenna

Pulse Part Number SLPT2400/5900DMN



Pulse is proud to introduce the SLPT (Shadow Low Profile Transit) product line for Public Safety, WLAN, LTE and 3G/4G applications. These rugged, aesthetically pleasing antennas provide a smaller, slimmer option to our current LPT product line without sacrificing mechanical or electrical performance. The product line includes both NMO and tamper-proof direct mount products, which will support multiple cable and connector options.

SLPT antennas were designed to perform over the high-percentage bandwidth applications prevalent in the market today. As a new product line, these antennas were created specifically to serve emerging applications such as 700 MHz Public Safety, LTE, Smart Grid and WLAN. These value-oriented antennas provide a cost-effective, high-performance solution for LTE and 802.11n MIMO applications as well.

#### Features

- Direct mount models
- Multiple and dual frequency products available
- Shorter, slimmer profile without sacrificing mechanical performance
- IP-67 rating when installed to compliant surface
- RoHS Compliant Product

#### Applications

- Public Safety & LTE
- 802.11n Applications
- M2M and Smart Metering



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## Electrical Specifications

Frequency [MHz]	2400 - 2500 / 4900-5900
Nominal Impedance [ $\Omega$ ]	50
Gain [dBi avg]	4.3 / 5.5
VSWR	2.0:1
Polarization	Vertical
Horizontal Plane	Omni
Power Rating [W]	10

## Environmental Specifications

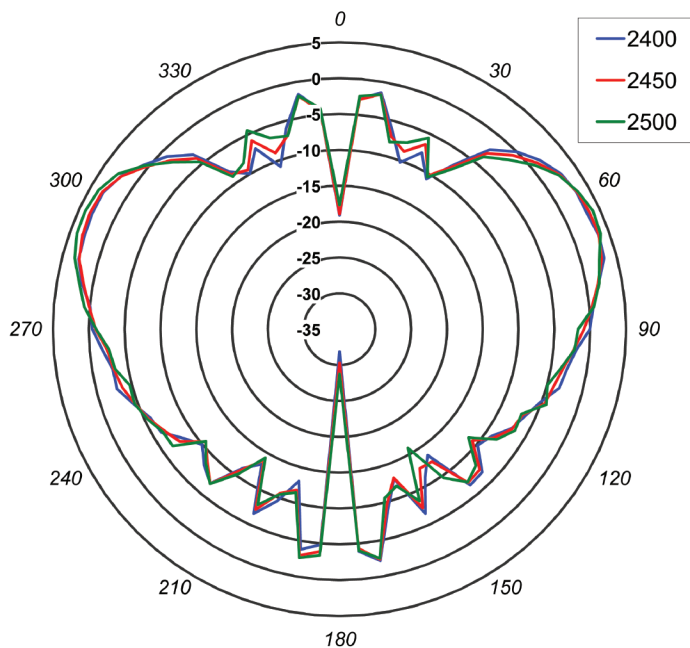
Operating Temperature [ $^{\circ}\text{C}$ ]	-40 to +85
Storage Temperature [ $^{\circ}\text{C}$ ]	-40 to +85
Relative Humidity [%]	100

## Mechanical Specifications

Radome Material	PC + ABS Plastic
Color	Black
Ingress Protection	IP-67
Weight [oz/g]	4.6 / 130.4
Dimensions [in/mm]	2.5 H x 1.5 $\varnothing$ base / 63.5 x 38.1 $\varnothing$ base
Mounting	Direct 3/4" (19.05 mm) hole
Connector	N Female

**NOTE:** Performance measurements are taken on an 18" (450 mm) diameter ground plane. A similar ground plane size is recommended for optimal performance.

Vertical Plane - 2.4 GHz



Vertical Plane - 4.9 GHz

