LTE External Vehicle or Enclosure Direct Mount Antenna

Pulse Part Number SLPT698/869DMN

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]	698 - 869
Nominal Impedance [Ω]	50
Gain [dBi avg]	4.5
VSWR	2.0:1
Polarization	Vertical
Horizontal Plane	Omni
Power Rating [W]	10

Environmental Specifications

Operating Temperature [°C]	-40 to +85
Storage Temperature [°C]	-40 to +85
Relative Humidity [%]	100

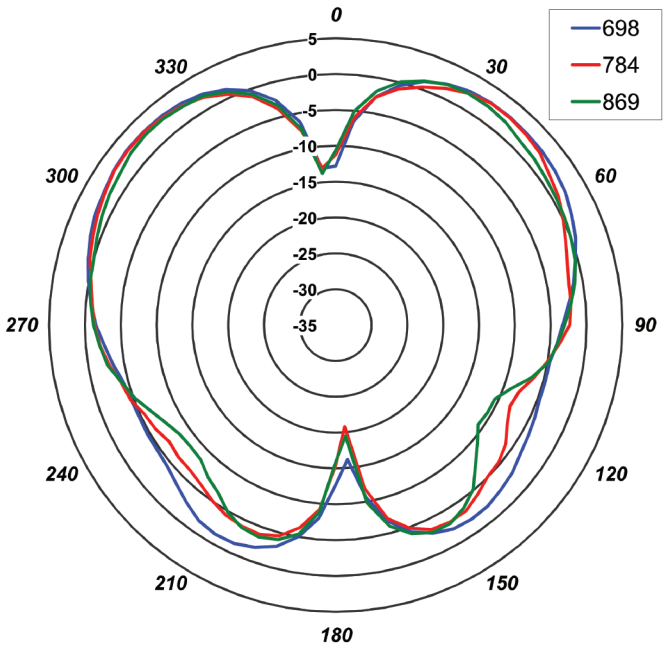
Mechanical Specifications

Radome Material	PC + ABS Plastic
Color	Black
Ingress Protection	IP-67
Weight [oz/g]	4.6 / 130.4
Dimensions [In/mm]	3 H x 1.5 Ø base / 76.2 x 38.1 Ø 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.

Radiation Pattern

Elevation Plane



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