

Page



Powertec Wireless Technology  
ABN: 42 082 948 463  
PO Box 1034, Ashmore City  
Queensland, Australia, 4214  
sales@powertec.com.au  
1300 769 378

## **Pulse Larsen 4G Magnetic Antenna, 698 to 2700 MHz, SMA Male**

SKU  
ANT-PU-00004  
MPN  
SLPT698/2170NMOHF + NMOMMRDSSMA

### **Description**

The Pulse Larsen 4G Magnetic Antenna (SKU: ANT-PU-00004) is a high-performance antenna designed for seamless connectivity across a broad frequency range of 698 to 2700 MHz. Ideal for use in demanding environments, it features an IP67-rated polycarbonate and ABS plastic construction, ensuring durability against dust and water ingress. This antenna operates efficiently within temperature extremes from -40 °C to 85 °C, making it suitable for various outdoor and industrial applications.

Equipped with a single SMA Male connector, this antenna offers straightforward integration with existing RF systems. Its vertical polarisation and 360° azimuth beamwidth provide reliable omnidirectional coverage, enhancing signal reception and transmission. The antenna supports up to 10 W of input power and maintains a stable 50  $\Omega$  impedance, ensuring consistent performance across its operating frequencies. Key peak gain values include 4.5 dBi between 698 MHz...

[Read More](#)



## [Pulse Larsen](#)

Pulse, a YAGEO company, is a key element in a family of businesses that combine to create one of the largest passive electronic manufacturers in the world. Founded in 1956 in Redwood City, California and acquired by Taiwanese Yageo Corporation in 2018 Pulse has over 60 years of innovation experience and is a leader in technology, design and manufacturing.

The company's passive electronic ...

## RF Specification

Start Frequency  
698 MHz

Stop Frequency

2700 MHz

Max. Input Power

10 W

Polarisation

[Vertical \(V\)](#)

Input Impedance

50  $\Omega$

RF Connectors

### **Ports RF Interface Body Shape**

1      [SMA Male](#)      [Straight](#)

Frequency Test Data

### **Start Freq. Stop Freq. Peak Gain VSWR Azimuth**

698 MHz      960 MHz      4.5 dBi      < 3:1      360°

1710 MHz      2400 MHz      5.6 dBi      < 2:1      360°

2500 MHz      2700 MHz      4 dBi      < 2.2:1      360°

## **Physical Specification**

Input Ports

1

MIMO

[1x1 SISO](#)

Min. Operating Temperature

-40 °C

Max. Operating Temperature

85 °C

Dimensions

3 H x 1.5  $\emptyset$  base / 76.2 x 38.1  $\emptyset$  base

Ingress Protection

[IP67](#)

Materials

[Polycarbonate \(PC\)](#), [ABS Plastic](#)

Weight

0.07 kg

Compliance/Certifications

RoHS

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