

# Product Overview



## ANT-SS900-1.4

### 824-928MHz Compressed Whip / Stubby Antenna

#### Product Overview

The ANT-SS900-1.4 is suited for portable and fixed applications requiring omni-directional radio communications. A stubby antenna is similar to a whip antenna but is compressed to make it shorter. Encompassing a straight SMA Male connector and an optimized VSWR of  $<1.4$ , the ANT-SS900-1.4 is ideal for monitoring & telemetry applications that demand a high performance antenna solution.

#### Product Specifications

##### Features

- Linear polarisation.
- Omni-directional radiation pattern.
- 2dBi Gain.

##### Electrical

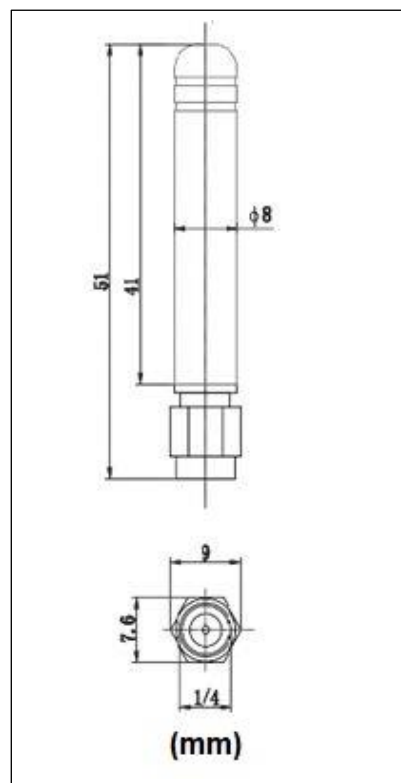
- Frequency range: 824-928MHz.
- Nominal impedance: 50  $\Omega$ .
- Maximum input power: 50W.
- VSWR:  $\leq 1.4$  @ 868MHz
- Return losses  $< 15$ dB

##### Mechanical

- Connector: SMA straight Male.
- Dimensions: 51mm x 8mm.
- Weight: 6g.
- Ambient temperature: -40°C to 60°C.

##### Applications

This antenna is suitable for portable & fixed applications that require omni-directional communication.

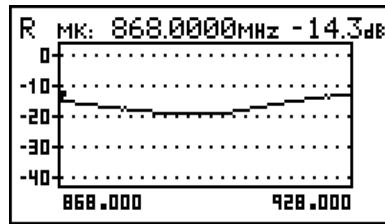


## VSWR

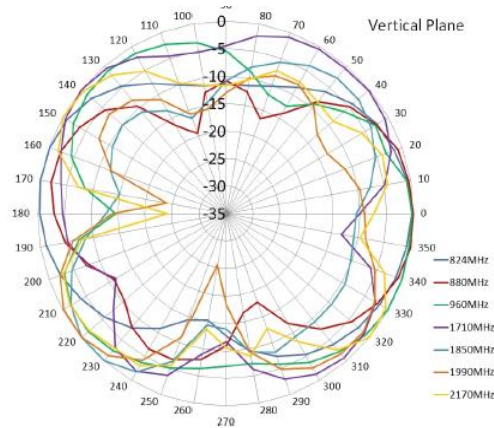
1:1.4 @ 868 MHz

1:1.36 @ 903 MHz

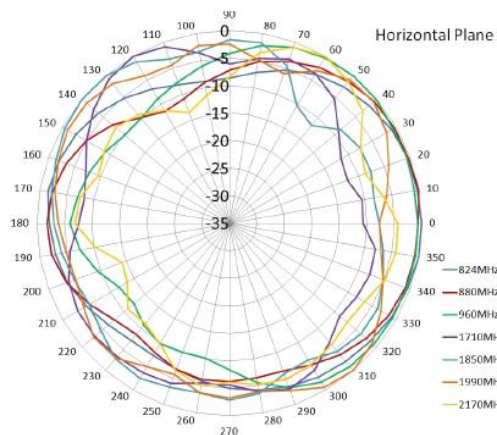
1:1.56 @ 928 MHz



## Vertical Radiation Pattern



## Horizontal Radiation Pattern



## Ordering information

Name	Description	Order Code
Straight Compressed Antenna	868-928MHz Compressed Whip / Stubby Antenna	ANT-SS900-1.4

Accessories		
PCB Mount SMA Connector	Straight SMA coaxial connector for RF antennas.	SMACONNECTOR
Right Angled PCB Mount SMA	Right Angled SMA connector for RF antennas.	SMARACONNECTOR
SMA Bulkhead Jack	Bulkhead SMA Connector	SMAENDBLKHD-JK

Contact LPRS for more information:



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