

# Product Overview



## ANT-SS900

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

#### Product Overview

The ANT-SS900 is suited for portable and fixed applications requiring omni-directional radio communications. A stubby antenna is like 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 is ideal for monitoring & telemetry applications that demand a high-performance antenna solution.

#### Product Specifications

##### Features

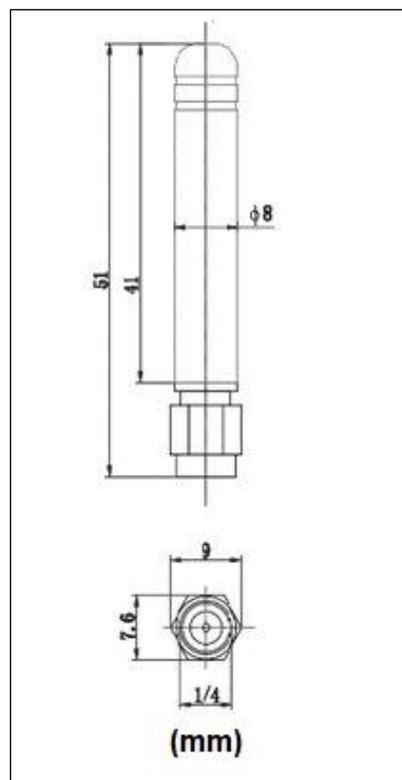
- Linear polarisation.
- Omni-directional radiation pattern.
- 2dBi Gain.

##### 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. +/-1mm
- Weight: 6g.
- Ambient temperature: -40°C to 60°C.



#### Applications

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



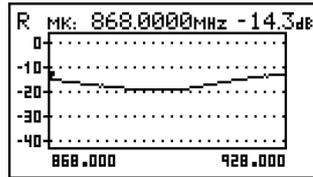
Visit [www.lprs.co.uk](http://www.lprs.co.uk) for more information

## VSWR

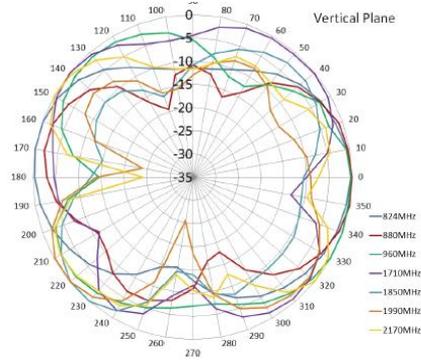
1:1.4 @ 868 MHz

1:1.36 @ 903 MHz

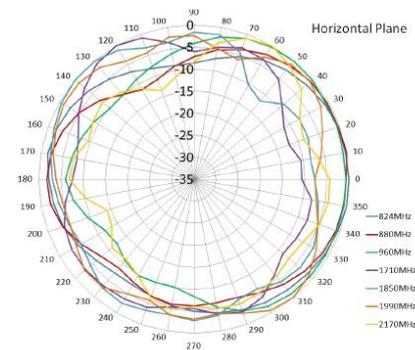
1:1.56 @ 928 MHz



## Vertical Radiation Pattern



## Horizontal Radiation Pattern



## Ordering information

Name	Description	Order Code
Straight whip Antenna	868-928MHz Compressed Whip Antenna	ANT-SS900

## Accessories

PCB Mount SMA Female	Straight SMA female Jack connector	SMACONNECTOR
Right Angled SMA Female	Right Angled SMA female jack connector	SMARACONNECTOR
SMA Bulkhead Female	Bulkhead SMA female jack Connector	SMAENDBLKHD-JK

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