



Product Overview



ANT-SS900

868-915MHz Compressed Whip / Stubby Antenna

Product Overview

Suited for portable and fixed applications requiring omni-directional communications. A stubby antenna is similar to a whip antenna but is compressed to make it shorter. SMA straight Male connector. Ideal for monitoring & telemetry applications.

Product Specifications

Features

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

Electrical

- Frequency range: 868-915MHz.
- Nominal impedance: 50 Ω .
- Maximum input power: 50W.
- VSWR: ≤ 1.5 .

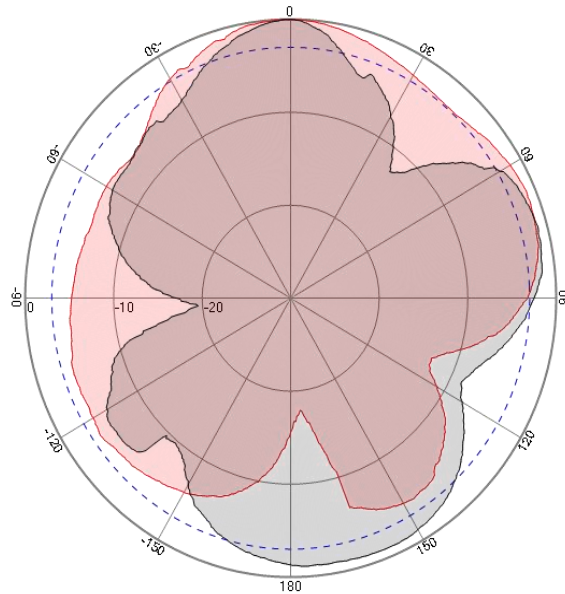
Mechanical

- 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.

**Radiation Pattern
(868MHz)**

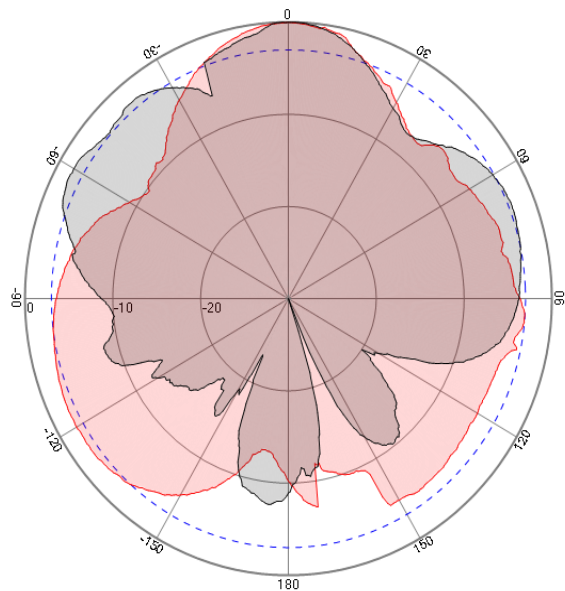


Freq: 868
Polar_Face: H-planeM-polarization
Polarize: Vertical
MaxV: -41.22
HPBW(3dB): 120.08
FBR: 4.53
ComGain: -29.30

Freq: 868
Polar_Face: V-planeM-polarization
Polarize: Vertical
MaxV: -42.80
HPBW(3dB): 32.64
BeamU1: 8.36
ZeroU: 19.50
BeamD1: 1.04
ZeroD: 12.31

Gain: 4.81

**Radiation Pattern
(900MHz)**



Freq: 900
Polar_Face: H-planeM-polarization
Polarize: Vertical
MaxV: -41.30
HPBW(3dB): 42.02
FBR: 4.72
ComGain: -29.00

Freq: 900
Polar_Face: V-planeM-polarization
Polarize: Vertical
MaxV: -43.20
HPBW(3dB): 39.50
BeamU1: 2.17
ZeroU: 6.33
BeamD1: 2.77
ZeroD: 7.45

Gain: 5.11

Ordering information

Name	Description	Order Code
Straight Compressed Antenna	868-915MHz Compressed Whip / Stubby Antenna	ANT-SS900

Contact LPRS for more information:



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