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

ZCG LoRa Vehicle Spring Mount Antenna, 915 to 928 MHz, 6 dBi, 5m SMA Male

SKU
ACC-ZC-00064
MPN
SGL900

Description

The ZCG LoRa Vehicle Spring Mount Antenna (SKU: ACC-ZC-00064) is a high-performance solution for RF communications, operating in the 915 to 928 MHz range. With a peak gain of 6 dBi and vertical polarisation, this collinear antenna is ideal for vehicle applications requiring reliable LoRa connectivity. Constructed from durable fibreglass, it measures 800 mm in length and weighs 0.65 kg, ensuring robust performance in various environments.

Designed by ZCG Scalar, a renowned Australian antenna manufacturer, the antenna features a single SMA Male connector with a 5m cable, facilitating straightforward integration into existing systems. The antenna supports up to 30 W of input power with a 50 Ω impedance, ensuring efficient signal transmission and reception.

This antenna is engineered to deliver a stable VSWR of less than 1.6:1 and offers a full 360° azimuth beamwidth, making it suitable for broad coverage needs. Whether for private or...

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ZCG Scalar

ZCG Scalar™ is a world class radio frequency antenna designer, manufacturer and consulting organisation that offer an integrated approach to identifying RF solutions in partnership with client needs.

ZCG Scalar™ is an Australian owned business operating since 1970. We manufacture hundreds of antenna models to suit your RF communication and broadcasting requirements. The design and development of ...

RF Specification

Start Frequency
918 MHz
Stop Frequency
928 MHz
Max. Input Power
30 W
Polarisation
Vertical (V)
Input Impedance
50 Ω
RF Connectors

Ports	RF Interface	Body Shape	Length
1	SMA Male	Straight	5000 mm

Frequency Test Data

Start Freq.	Stop Freq.	Peak Gain	VSWR	Azimuth
918 MHz	928 MHz	6.2 dBi	< 1.6:1	360°

Physical Specification

Subtype
Collinear
Input Ports
1
MIMO
1x1 SISO
Dimensions
800 x 22
Materials
Fibreglass (GRP)
Weight
0.65 kg

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