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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 Base Station High Gain Collinear Antenna, 915 to 928 MHz, 8 dBi, N Female**

SKU  
ACC-ZC-00063  
MPN  
CMG920-6

## Description

The ZCG LoRa Base Station High Gain Collinear Antenna, suitable for the 915 to 928 MHz frequency range, is designed to enhance RF communication and broadcasting. Offering 8 dBi peak gain, this vertical polarised antenna ensures efficient signal transmission with a VSWR of less than 1.5:1. Constructed from durable fibreglass and stainless steel, it is robust and reliable for various environmental conditions.

This collinear antenna supports up to 20 W input power and has a 50  $\Omega$  impedance, making it ideal for applications requiring stable and efficient performance. Its omnidirectional azimuth beamwidth of 360° allows comprehensive coverage, while the 12° elevation beamwidth focuses vertical signal distribution. The antenna features a single N Female interface, connected via a 530 mm RG-58 cable, providing ease of installation and integration into existing systems.

Manufactured by ZCG Scalar, an esteemed Australian brand with a history of...

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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

915 MHz

Stop Frequency

930 MHz

Max. Input Power

20 W

Polarisation

[Vertical \(V\)](#)

Input Impedance

50 Ω

RF Connectors

**Ports RF Interface Body Shape Cable Series Length**

1      [N Female](#)      [Straight](#)      [RG-58](#)      530 mm

Frequency Test Data

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

915 MHz      930 MHz      8.1 dBi      < 1.5:1 360°      12°

# Physical Specification

Subtype

[Collinear](#)

Input Ports

1

MIMO

[1x1 SISO](#)

Dimensions

2450 x 38.1 x 700

Materials

[Fibreglass \(GRP\)](#), [Stainless Steel \(304\)](#)

Weight

2 kg

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