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# 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 Ω 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.

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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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