

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.

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

[Read More](#)



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	Polarisation:	Vertical (V)
Stop Frequency:	930 MHz	Input Impedance:	50
Max. Input Power:	20 W		

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	Dimensions:	2450 x 38.1 x 700
Input Ports:	1	Materials:	Fibreglass (GRP), Stainless Steel (304)
MIMO:	1x1 SISO	Weight:	2 kg

Disclaimer: Although care has been taken to ensure the accuracy, completeness and reliability of the information provided, Powertec assumes no responsibility therefore. The user of the information agrees that the information is subject to change without notice. Powertec assumes no responsibility for the consequences of use of such information, nor for any infringement of third party intellectual property rights which may result from its use. IN NO EVENT SHALL POWERTEC BE LIABLE FOR ANY DIRECT, INDIRECT, SPECIAL, OR INCIDENTAL DAMAGE RESULTING FROM, ARISING OUT OF OR IN CONNECTION WITH THE USE OF THE INFORMATION.

