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ZCG LoRa 9-Element Yagi Antenna, 868 to 928 MHz, 13.6 dBi, N Female

SKU
ACC-ZC-00067
MPN
Y809B-R

Description

The ZCG LoRa 9-Element Yagi Antenna, SKU: ACC-ZC-00067, is designed for optimal performance in the 868 to 928 MHz frequency range. With a gain of 13.6 dBi, it is ideal for enhancing long-range radio frequency communication, particularly in LoRa applications. The antenna is constructed from durable aluminium, ensuring lightweight and robust performance with a total weight of just 0.7 kg.

This Yagi antenna features a single N Female connector, supporting up to 50 W of input power, and is designed for linear polarisation. Its impressive front-to-back ratio of over 15 dB and a VSWR of less than 1.5:1 guarantee efficient signal transmission and reception. The compact design, measuring 970 x 47 x 200 mm, allows for easy installation in various environments.

Manufactured by ZCG Scalar, a renowned Australian company, the Y809B-R model reflects over 50 years of expertise in RF solutions. ZCG Scalar is known for its innovative approach to antenna...

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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

Y809-R

Start Frequency
868 MHz
Stop Frequency
928 MHz
Max. Input Power
50 W
Polarisation
Linear
Input Impedance
50 Ω
RF Connectors

Ports	RF Interface	Body Shape
1	N Female	Straight

Frequency Test Data

Start Freq.	Stop Freq.	Peak Gain	VSWR	F/B Ratio
868 MHz	928 MHz	11.5 dBi	< 1.5:1 >	15 dB

Physical Specification

Subtype
Yagi
Input Ports
1
MIMO
1x1 SISO
Dimensions
970 x 47 x 200
Materials
Aluminium
Weight
0.7 kg

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