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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 WiFi 2.4 GHz High Gain Collinear Antenna, 2400 to 2500 MHz, 10 dBi, N Female**

SKU  
ACC-ZC-00059  
MPN  
Z2400-8

## Description

The ZCG WiFi 2.4 GHz High Gain Collinear Antenna (SKU: ACC-ZC-00059), part number Z2400-8, is expertly crafted by ZCG Scalar, an esteemed Australian radio frequency antenna specialist. Designed for optimal RF communication, this antenna operates within the 2400 to 2500 MHz frequency range, delivering a peak gain of 10 dBi. Its robust construction features fibreglass and stainless steel, ensuring durability in various environments.

With a 50  $\Omega$  impedance and a power handling capacity of up to 50 W, this antenna is ideal for applications requiring reliable connectivity and performance. It supports a single RF connection via its N Female interface, ensuring straightforward integration into existing systems. The antenna is vertically polarised and offers a 360° azimuth beamwidth, making it suitable for wide coverage needs.

ZCG Scalar, established in 1970, continues to lead in RF solutions with a commitment to quality and innovation. Based in...

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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

2400 MHz

Stop Frequency

2500 MHz

Max. Input Power

50 W

Polarisation

[Vertical \(V\)](#)

Input Impedance

50  $\Omega$

RF Connectors

### Ports RF Interface Body Shape

1      [N Female](#)      [Straight](#)

Frequency Test Data

### Start Freq. Stop Freq. Peak Gain VSWR Azimuth

2400 MHz    2500 MHz    10 dBi      < 1.5:1 360°

## Physical Specification

Subtype

[Collinear](#)

Input Ports

1

MIMO

[1x1 SISO](#)

Dimensions

850 x 47 (H x Dia)

Materials

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

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