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# 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 Ω 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 Ω
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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