

# 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	Polarisation:	Vertical (V)
Stop Frequency:	2500 MHz	Input Impedance:	50
Max. Input Power:	50 W		

## 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	Dimensions:	850 x 47 (H x Dia)
Input Ports:	1	Materials:	Fibreglass (GRP), Stainless Steel (304)
MIMO:	1x1 SISO		

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