

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 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...

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:	2400 MHz	Polarisation:	Vertical (V)
Stop Frequency:	2500 MHz	Input Impedance:	50
Max. Input Power:	50 W		

RF Connectors

PortsRF InterfaceBody Shape1N FemaleStraight

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			

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.

