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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 Vehicle Spring Mount Antenna, 2400 to 2500 MHz, 2 dBi, 5m RP-SMA Male

SKU
ACC-ZC-00058
MPN
MD2400-SPB

Description

The ZCG WiFi 2.4 GHz Vehicle Spring Mount Antenna (SKU: ACC-ZC-00058) is designed for reliable wireless connectivity in vehicles. Operating within the 2400 to 2500 MHz frequency range, this collinear antenna provides a peak gain of 2.1 dBi and a VSWR of $<1.5:1$, ensuring efficient signal transmission. Its robust construction utilises fibreglass, aluminium, and stainless steel, making it durable for varying environmental conditions.

The antenna features a vertical polarisation and an omnidirectional azimuth beamwidth of 360° , ideal for consistent signal coverage. It connects via a 5m RG-58 cable, terminating in an RP-SMA Male connector, facilitating easy integration with existing systems. With a $50\ \Omega$ impedance and a power capacity of up to 10 W, it suits a wide range of applications including vehicular WiFi systems, fleet management, and mobile data networks.

Manufactured by ZCG Scalar in Australia, a leader in RF antenna solutions since 1970, this antenna reflects a commitment to quality and innovation. ZCG Scalar's expertise ensures that this product meets the demands of modern RF communication requirements, backed by decades of industry experience and a dedication to ongoing product development.



[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

10 W

Polarisation

[Vertical \(V\)](#)

Input Impedance

50 Ω

RF Connectors

Ports RF Interface Body Shape Cable Series Length

1 [RP-SMA Male](#) [Straight](#) [RG-58](#) 5000 mm

Frequency Test Data

Start Freq. Stop Freq. Peak Gain VSWR Azimuth

2400 MHz 2500 MHz 2.1 dBi < 1.5:1 360°

Physical Specification

Subtype

[Collinear](#)

Input Ports

1

MIMO

[1x1 SISO](#)

Dimensions

73 x 16

Materials

[Fibreglass \(GRP\)](#), [Aluminium](#), [Stainless Steel \(303\)](#)

Weight

0.25 kg

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