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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 Ω 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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