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ZCG WiFi 2.4 GHz High Gain Vehicle Spring Mount Antenna, 2400 to 2500 MHz, 8 dBi, 5m RP-SMA Male

SKU
ACC-ZC-00061
MPN
SG2400-8

Description

The ZCG WiFi 2.4 GHz High Gain Vehicle Spring Mount Antenna (SKU: ACC-ZC-00061) is a robust and reliable solution for enhancing wireless connectivity in vehicles. Operating within the 2400 to 2500 MHz frequency range, this collinear antenna delivers a peak gain of 8 dBi, ideal for applications requiring extended range and improved signal strength. Constructed from durable fibreglass (GRP), it ensures longevity and resilience in various environmental conditions.

Designed by ZCG Scalar, an esteemed Australian manufacturer with decades of expertise in RF solutions, this antenna is vertically polarised and supports up to 10 W of input power, making it suitable for demanding communication needs. Its 50 Ω impedance and VSWR of less than 2.0:1 ensure optimal performance and efficiency.

The antenna features a 5-metre RP-SMA Male cable, offering flexibility in installation. With a 360° azimuth beamwidth and a 17° elevation beamwidth, it provides...

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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
10 W
Polarisation
Vertical (V)
Input Impedance
50 Ω
RF Connectors

Ports	RF Interface	Length
1	RP-SMA Male	5000 mm

Frequency Test Data

Start Freq.	Stop Freq.	Peak Gain	VSWR	Azimuth	Elevation
2400 MHz	2500 MHz	8 dBi	< 2:1	360°	17°

Physical Specification

Subtype
Collinear
Input Ports
1
MIMO
1x1 SISO
Materials
Fibreglass (GRP)

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