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# **ZCG WiFi 2.4 GHz Dipole Stud Antenna, 2400 to 2500 MHz, 2 dBi, 600mm SMA Male**

SKU  
ACC-ZC-00060  
MPN  
DLD2400

## Description

The ZCG WiFi 2.4 GHz Dipole Stud Antenna (SKU: ACC-ZC-00060) is designed for reliable wireless communication within the 2400 to 2500 MHz frequency range. With a peak gain of 2 dBi and vertical polarisation, it ensures robust signal reception and transmission, making it ideal for WiFi applications. The antenna features an SMA Male connector attached to a 600mm RG-316 cable, providing flexible installation options.

Constructed from durable Polyvinyl Chloride (PVC), this compact antenna measures 115 x 12.7 mm and weighs just 0.04 kg. Its design supports a 50  $\Omega$  impedance and can handle up to 20 watts of input power, ensuring compatibility with a variety of RF equipment. The 360° azimuth beamwidth provides comprehensive coverage, making it suitable for both domestic and commercial WiFi networks.

Manufactured by ZCG Scalar, a trusted Australian company with a rich history in RF antenna design since 1970, this antenna embodies quality...

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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

20 W

Polarisation

[Vertical \(V\)](#)

Input Impedance

50 Ω

RF Connectors

**Ports RF Interface Body Shape Cable Series Length**

1      [SMA Male](#)      [Straight](#)      [RG-316](#)      600 mm

Frequency Test Data

**Start Freq. Stop Freq. Peak Gain VSWR Azimuth**

2400 MHz    2500 MHz    2.1 dBi      < 2.45:1 360°

# Physical Specification

Subtype

[Dipole](#)

Input Ports

1

MIMO

[1x1 SISO](#)

Dimensions

115 x 12.7

Materials

[Polyvinyl Chloride \(PVC\)](#)

Weight

0.04 kg

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