

# 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 Ω 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.

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# RF Specification

Start Frequency:	2400 MHz	Polarisation:	Vertical (V)
Stop Frequency:	2500 MHz	Input Impedance:	50
Max. Input Power:	20 W		

## 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	Dimensions:	115 x 12.7
Input Ports:	1	Materials:	Polyvinyl Chloride (PVC)
MIMO:	1x1 SISO	Weight:	0.04 kg

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