

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.

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 | 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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