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## **ZCG LoRa Dipole Stud Antenna, 900 to 930 MHz, 2 dBi, 2m SMA Male**

SKU  
ACC-ZC-00065  
MPN  
DLD900-2

### **Description**

The ZCG LoRa Dipole Stud Antenna, model DLD900-2, is a high-performance antenna designed for applications within the 900 to 930 MHz frequency range. With a peak gain of 2.1 dBi and a VSWR of 2.0:1, it offers reliable signal transmission for LoRa and other RF communication systems. This vertical polarised antenna features a robust construction of Polyvinyl Chloride (PVC) and is lightweight at just 0.09 kg, making it ideal for various installation environments.

Equipped with a 2m RG-316 cable and an SMA Male connector, the antenna ensures seamless integration into existing systems. Its 360° azimuth beamwidth provides comprehensive coverage, enhancing network performance. The antenna supports up to 20 W of input power and maintains a 50  $\Omega$  impedance, ensuring optimal compatibility with a wide range of devices.

Manufactured by ZCG Scalar, an Australian company renowned for its expertise in RF antenna solutions since 1970, this antenna...

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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

900 MHz  
Stop Frequency  
930 MHz  
Max. Input Power  
20 W  
Polarisation  
[Vertical \(V\)](#)  
Input Impedance  
50  $\Omega$   
RF Connectors

Ports	RF Interface	Body Shape	Cable Series	Length
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1	<a href="#">SMA Male</a>	<a href="#">Straight</a>	<a href="#">RG-316</a>	2000 mm
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Frequency Test Data

Start Freq.	Stop Freq.	Peak Gain	Return Loss	VSWR	Azimuth
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900 MHz	930 MHz	2.1 dBi	> -12 dB	< 2:1	360°
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## Physical Specification

Subtype

[Dipole](#)

Input Ports

1

MIMO

[1x1 SISO](#)

Dimensions

230 x null

Materials

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

Weight

0.09 kg

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