

# 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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# RF Specification

Start Frequency:	900 MHz	Polarisation:	Vertical (V)
Stop Frequency:	930 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	2000 mm

## Frequency Test Data

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

# Physical Specification

Subtype:	Dipole	Dimensions:	230 x null
Input Ports:	1	Materials:	Polyvinyl Chloride (PVC)
MIMO:	1x1 SISO	Weight:	0.09 kg

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