Powertec Wireless Technology
ABN: 42 082 948 463
PO Box 1034, Ashmore City
Queensland, Australia, 4214
sales@powertec.com.au
1300 769 378

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 Ω 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...

Read More

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

Disclaimer: Although care has been taken to ensure the accuracy, completeness and reliability of the information provided, Powertec assumes no responsibility therefore. The user of the information agrees that the information is subject to change without notice. Powertec assumes no responsibility for the consequences of use of such information, nor for any infringement of third party intellectual property rights which may result from its use. IN NO EVENT SHALL POWERTEC BE LIABLE FOR ANY DIRECT, INDIRECT, SPECIAL, OR INCIDENTAL DAMAGE RESULTING FROM, ARISING OUT OF OR IN CONNECTION WITH THE USE OF THE

INFORMATION.

