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

ZCG VHF Marine Deck Mount Antenna, 156 to 162 MHz, 5 dBi, 4.5m UHF Male

SKU
ACC-ZC-00070
MPN
ZM24-VHF

Description

The ZCG VHF Marine Deck Mount Antenna (SKU: ACC-ZC-00070), part number ZM24-VHF, is a high-performance collinear antenna designed for marine communication applications. Operating within the 156 to 162 MHz frequency range, it offers a peak gain of 5 dBi, ensuring reliable signal transmission and reception for VHF marine channels. With a vertical polarisation, this antenna provides an omni-directional azimuth beamwidth of 360°, making it ideal for maritime settings where robust, all-around coverage is essential.

Constructed from durable fibreglass (GRP), the antenna is built to withstand harsh marine environments. It features a single UHF Male connector attached to a 4.5-metre RG-58 cable, ensuring easy integration with existing RF systems. The antenna supports up to 50 W of input power and maintains a 50 Ω impedance, optimising performance across its operational range.

Manufactured by ZCG Scalar, a reputable Australian company with over 50...

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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
156 MHz
Stop Frequency
162 MHz
Max. Input Power
50 W
Polarisation
Vertical (V)
Input Impedance
50 Ω
RF Connectors

Ports	RF Interface	Body Shape	Cable Series	Length
1	UHF Male	Straight	RG-58	4500 mm

Frequency Test Data

Start Freq.	Stop Freq.	Peak Gain	VSWR	Azimuth
156 MHz	162 MHz	5.1 dBi	< 2.01:1	360°

Physical Specification

Subtype
Collinear
Input Ports
1
MIMO
1x1 SISO
Materials
Fibreglass (GRP)
Weight
1.1 kg

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