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ZCG VHF Marine Deck Mount Antenna, 156 to 162 MHz, 2 dBi, 4.5m UHF Male

SKU
ACC-ZC-00072
MPN
ZM21-VHF

Description

The ZCG VHF Marine Deck Mount Antenna (part number ZM21-VHF) is a high-performance collinear antenna designed for marine applications. Operating within a frequency range of 156 to 162 MHz, it delivers a peak gain of 2.1 dBi, making it ideal for reliable VHF communication on vessels. Constructed from durable fibreglass (GRP), this antenna is built to withstand harsh marine environments.

With a vertical polarisation and a 360° azimuth beamwidth, the antenna ensures comprehensive signal coverage. It maintains a VSWR of less than 1.5:1, providing efficient signal transmission with minimal reflection. The antenna features a 50 Ω impedance and supports up to 50 W of input power, meeting the demands of various marine communication systems.

Connecting via a UHF Male interface, the antenna includes a 4.5m RG-58 cable, offering flexible installation options on different deck configurations. Weighing just 1 kg and measuring 2100 mm in height with a...

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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	Cable Series	Length
1	UHF Male	RG-58	4500 mm

Frequency Test Data

Start Freq.	Stop Freq.	Peak Gain	VSWR	Azimuth
156 MHz	162 MHz	2.1 dBi	< 1.5:1	360°

Physical Specification

Subtype
Collinear
Input Ports
1
MIMO
1x1 SISO
Dimensions
2100 x 24 (H x Dia)
Materials
Fibreglass (GRP)
Weight
1 kg

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