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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.

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

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
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1	UHF Male	RG-58	4500 mm
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Frequency Test Data

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