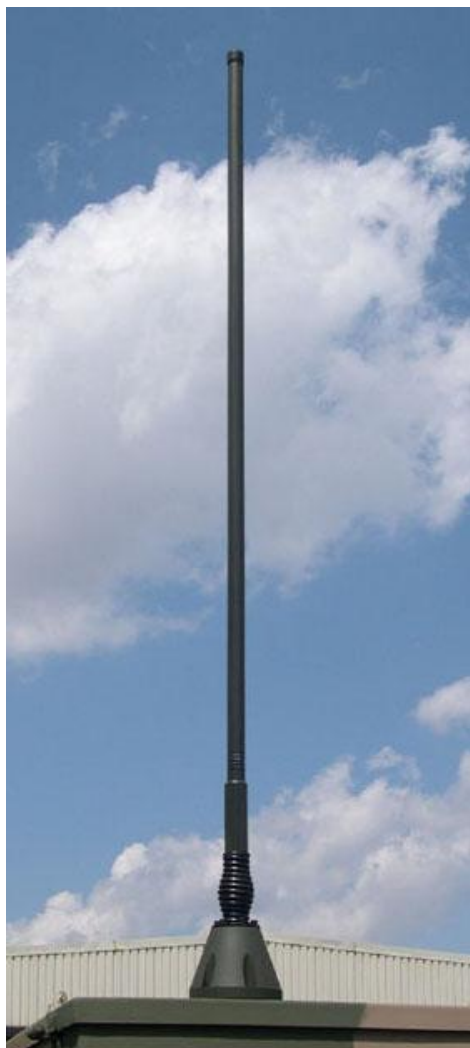


# Ground-Air/Marine Band Centre-Fed Dipole Antenna

108 – 175 MHz

VERSION: 1.3

Product Code: VCF108-175



## SPECIFICATIONS:

<b>Alaris Product Code:</b>	RA23-1980-01
<b>Electrical:</b>	
Frequency range	108 – 175 MHz
VSWR	< 2.5:1
Gain	0 dBi – 2 dBi
Power Input	100 W
Polarisation	Vertical
Nominal input impedance	50 Ω
Mounting Connector	Interfaces with UBS range of products as well as VCF Brackets
<b>Mechanical:</b>	
Dimensions	Length: 1.5 m
Total mass	3.2 kg total
<b>Environmental: designed to meet the following specifications</b>	
Designed to meet MIL-STD-810F	

## PRODUCT DESCRIPTION:

The VCF108-175 mobile antenna is an omni-directional, vertically polarised, rugged VHF antenna intended for VOR and ground-to-air communications, ship-to-shore, and general purpose mobile communications in the 108 to 175 MHz range.

Encased in a high strength fibreglass sleeve, the VCF108-175 is robust, impact resistant, and able to withstand the rigorous demands of harsh environments.

Being of centre-fed dipole design, the VCF108-175 is groundplane independent and therefore ideal for use on platforms offering limited or no groundplane, or for mast-mounting (mast adapter required).

\*Please specify colour on order.

## PRODUCT FEATURES:

- VHF (108 to 175 MHz)
- Omni-directional
- Vertically polarised
- Rugged

## APPLICATIONS:

- Mobile communications
- VOR and ground-to-air communications
- Ship-to-shore communications

## RELATED PRODUCTS:

- UBS-4 / UBS-4G
- UBS-6 / UBS-6G
- VCF Stand-off Bracket for mast mounting

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Typical VSWR:

