

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

115 – 175 MHz

VERSION: 1.3

Product Code: VCF115-175



## SPECIFICATIONS:

<b>Alaris Product Code:</b>	RA23-1786-01
<b>Electrical:</b>	
Frequency range	115 – 175 MHz
Power Input	100 W
VWSR	< 2:1
Gain	0 dBi – 2 dBi
Nominal input impedance	50 Ω
Mounting Connector	Interfaces with UBS range of products as well as VCF Brackets
Pattern	Omni-directional
Polarisation	Vertical
<b>Mechanical:</b>	
Dimensions	Length: 1.34 m
Total mass	3.18 kg total
<b>Environmental: designed to meet the following specifications</b>	
Designed to meet MIL-STD-810F	

## PRODUCT DESCRIPTION:

The VCF115-175 mobile antenna is an omni-directional, vertically polarised, rugged and versatile VHF antenna intended for ground-to-air, ship-to-shore, and general mobile communications in the 115 to 175 MHz range.

Encased in a high strength fibreglass sleeve, the VCF115-175 is robust, impact resistant, and able to withstand the rigorous demands of harsh environments.

Being a centre-fed dipole in design, the VCF115-175 is groundplane independent and therefore ideal on platforms where limited or no groundplane is available, or for mast-mounting (mast adapter required).

## PRODUCT FEATURES:

- VHF (115 to 175 MHz)
- Vertically polarised
- Rugged
- Versatile

## APPLICATIONS:

- Mobile communications
- Ground-to-air and ship-to-shore communications

## RELATED PRODUCTS:

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

\*Please specify colour on order.