

# VHF Centre-Fed Dipole Antenna

136 – 174 MHz

VERSION: 1.3

Product Code: VCF136-174



## SPECIFICATIONS:

<b>Alaris Product Code:</b>	RA23-1459-01
<b>Electrical:</b>	
Frequency range	136 – 174 MHz
VSWR	< 2:1
Power Input	100 W
Gain	0 dBi – 2 dBi
Polarisation	Vertical
Nominal input impedance	50 Ω
Mounting Connector	Interfaces with UBS range of products as well as VCF Brackets
Pattern	Omni-directional
<b>Mechanical:</b>	
Dimensions	Length: 1.3 m (incl. spring base)
Total mass	3 kg (incl. spring base)
<b>Environmental: designed to meet the following specifications</b>	
MIL-STD-810F	

## PRODUCT DESCRIPTION:

The VCF136-174 mobile antenna is an omni-directional, vertically polarised, rugged and versatile VHF antenna intended for mobile communications in the 136 to 174 MHz, PMR/LMR VHF frequency range.

Encased in a high strength fibreglass sleeve, the VCF136-174 is robust, impact resistant, and able to withstand the rigorous demands of harsh environments.

Being centre-fed in design, the VCF136-174 is groundplane independent and therefore ideal on platforms where limited or no groundplane is available, or for mast-mounted applications (mast adapter required).

\*Please specify colour on order.

## PRODUCT FEATURES:

- VHF (136 to 174 MHz)
- Omni-directional
- Vertically polarised
- Rugged

## APPLICATIONS:

- Mobile communications

## RELATED PRODUCTS:

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