

# UHF Centre-Fed Dipole Antenna

400 – 470 MHz

Product Code: VCF400-470

VERSION: 1.5

## SPECIFICATIONS:

<b>Alaris Product Code:</b>	RA23-1442-01
<b>Electrical:</b>	
Frequency range	400 – 470 MHz
VSWR	< 2:1
Gain	0 dBi – 2 dBi
Power Input	100 W
Polarisation	Vertical
Nominal input impedance	50 $\Omega$
Mounting Connector	Interfaces with UBS range of products as well as VCF Brackets
Pattern	Omni-directional
<b>Mechanical:</b>	
Dimensions	Length: 0.49 m
Total mass	0.75 kg
<b>Environmental: designed to meet the following specifications</b>	
MIL-STD-810F	



## PRODUCT DESCRIPTION:

The VCF400-470 mobile antenna is an omni-directional, vertically polarised, rugged and versatile UHF antenna intended for mobile communications in the 400 to 470 MHz frequency range.

Encased in a high strength fibreglass sleeve, the VCF400-470 is robust, impact resistant, and able to withstand the rigorous demands of harsh environments.

Being centre-fed in design, the VCF400-470 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:

- UHF (400 to 470 MHz)
- Omni-directional
- Vertically polarised
- Rugged
- Versatile

## APPLICATIONS:

- Mobile communications

## RELATED PRODUCTS:

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