

UHF Centre-Fed Dipole Antenna

400 – 470 MHz

VERSION: 1.4

Product Code: VCF400-470



SPECIFICATIONS:

Alaris Product Code:	RA23-1442-01
Electrical:	
Frequency range	400 – 470 MHz
VSWR	< 2:1
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
Pattern	Omni-directional
Mechanical:	
Dimensions	Length: 0.49 m
Total mass	0.75 kg
Environmental: designed to meet the following specifications	
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