

V/UHF Wideband Centre-Fed Dipole Antenna

108 – 520 MHz

VERSION: 1.1

Product Code: VCF108-520



SPECIFICATIONS:

Alaris Product Code:	RA23-1907-01
Electrical:	
Frequency range	108 – 520 MHz
Power input	100 W
VSWR	< 3.5:1
Gain	-3 dBi to +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
Mechanical:	
Dimensions	Length: 1.25 m (incl. spring base)
Total mass	3 kg (incl. spring base)
Environmental: designed to meet the following specifications	
Designed to comply with MIL-STD-810F	

PRODUCT DESCRIPTION:

The VCF108-520 mobile antenna is an omni-directional, vertically polarised, rugged and versatile V/UHF antenna intended for ground-to-air, ground-to-ground, ship-to-shore, marine and general mobile communications in the 108 to 520 MHz range.

Encased in a high strength fibreglass sleeve, the antenna is robust, impact resistant, and able to withstand the rigorous demands of harsh land and marine environments.

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

*Please specify colour on order.

PRODUCT FEATURES:

- V/UHF (108 to 520 MHz)
- Omni-directional
- Vertically polarised
- Rugged
- Versatile

APPLICATIONS:

- General mobile communications

RELATED PRODUCTS:

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

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Measured VSWR:

