

UHF Gnd-Air/Gnd-Gnd Centre-Fed Dipole Antenna

225 – 420 MHz

Product Code: VCF225-420

VERSION: 1.7

SPECIFICATIONS:

Alaris Product Code:	RA23-1439-01
Electrical:	
Frequency range	225 – 420 MHz
Polarisation	Vertical
VSWR	< 2.5:1
Gain	0 - +2 dBi
Nominal input impedance	50 Ω
Input power	50 W
Mounting Connector	Interfaces with UBS range of products as well as VCF Brackets
Pattern	Omni-directional
Mechanical:	
Length	0.72 m
Total mass	2.75 kg
Environmental: designed to meet the following specifications	
Designed to comply with MIL-STD-810F	



PRODUCT DESCRIPTION:

The VCF225-420 mobile antenna is an omni-directional, vertically polarised, rugged and versatile UHF antenna intended for ground-to-air, ground-to-ground, ship-to-shore, marine and general rapid mobile communications in the 225 to 420 MHz range.

Encased in a high strength fibreglass sleeve, the VCF225-420 is robust, impact resistant, and able to withstand the rigorous demands of harsh environments.

Being centre-fed in design, the VCF225-420 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:

- UHF (225 to 420 MHz)
- Omni-directional
- Vertically polarized
- Rugged
- Versatile

APPLICATIONS:

- Mobile communications
- Ground-to-air and ground-to-ground communications

RELATED PRODUCTS:

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