

Mobile Tetra Centre-Fed Dipole Antenna

380 – 430 MHz (Tetra)

Product Code: VCF380-430

VERSION: 1.2



SPECIFICATIONS:

| | | |
|---|---|---------------------|
| Alaris Product Code: | RA23-1561-01 & RA23-1562-01 | |
| Electrical: | | |
| Frequency range | 380 – 430 MHz (Tetra) | |
| VSWR | < 2:1 | |
| Gain | VCF380-430/2 | VCF380-430/5 |
| | +2 dBi | +5 dBi |
| Power input | 50 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: 0.7 m | |
| Total mass | 2.75 kg | |
| Environmental: designed to meet the following specifications | | |
| MIL-STD-810F | | |

PRODUCT DESCRIPTION:

The VCF380-430 mobile antenna is an omni-directional, vertically polarised, rugged and versatile TETRA band (380 to 430 MHz) antenna intended for use on mobile and marine platforms.

Encased in a high strength fibreglass sleeve, the VCF380-430 is robust, impact resistant, and able to withstand the rigorous demands of harsh land and marine environments.

Being centre-fed in design, the VCF380-430 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:

- TETRA band (380 to 430 MHz)
- Omni-directional
- Vertically polarised
- Rugged
- Versatile

APPLICATIONS:

- Communications

RELATED PRODUCTS:

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