

21-5E

CHELTON

VHF Antenna

Key features:

- **Lightweight Whip**
- **Several bandwidth options available**
- **BNC & TNC types available**

The 21 series antennas referenced in this EDS are designed to operate over a range of VHF and UHF frequency bands in homing and communications applications, dependent upon type.

The antennas are of semi rigid form and are suitable for external fitting on helicopters and fixed wing aircraft.

The antennas are monopoles and employ loss less reactive matching to ensure low VSWR and high gain characteristics.

ELECTRICAL

Frequency	135MHz - 175 MHz
Power Handling	50 Ω
Impedance	50 Ω
VSWR	3.0:1 max
Polarisation	Vertical

MECHANICAL

Dimensions (LxWxH)	23 x 23 x 493 mm
Weight	0.145 kg
Connector	TNC Female

ENVIRONMENTAL

Continuous Operating Temperature	- 30°C Min + 40°C Max
Altitude	25,000 ft
Vibration	BS3G100 Part 2 Section 3 subs 3.1 Cat 4

