

25-1000

CHELTON

Tri-band ELT Whip Antenna

121.5MHz, 243MHz, 406MHz

Key features:

- eTSO certified
- Multi-band
- Self-fixing mount

The 25-1000 is a multiple frequency emergency whip antenna for use in airborne applications. It is fitted with decoupling circuits, which prevent corruption of the radiation pattern at the upper frequencies and provide some loading to enhance performance at the lower frequency.

ELECTRICAL

Frequency	121.5MHz 243 MHz 406 MHz
Power Handling	8W
Impedance	50 Ω
VSWR	121.5 ± 1.8 MHz ≤ 2.5:1
Gain	≤ 2 dBi
Polarisation	Vertical
Radiation Pattern Azimuth	Omnidirectional

MECHANICAL

Dimensions (LxWxH)	434 x 23.4 x 23.4 mm
Weight	0.14 kg
Connector	BNC Female

ENVIRONMENTAL

Continuous Operating Temperature	- 54°C Min + 95°C Max
Altitude	35,000 ft
Standards	DO-160



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