

12-4004

CHELTON

Multiband Tuneable Antenna

Key features:

- **Multi-Band Tuneable**
- **Compatible with frequency hopping radios**
- **Meets Havequick II and Saturn Standards**

The 12-4004 is a multiband tuneable antenna designed to provide communications in the frequency range 30 to 600 MHz. The antenna is compatible with Chelton's range of logic units that are capable of providing an interface to current fast frequency hopping radios and as a system is capable of meeting the tuning times with modes such as Havequick II and Saturn. The antenna is designed to meet the requirements of DO-186A, ED-23C and DO-253C.



ELECTRICAL

Frequency	30 - 600
Impedance	50 Ω
VSWR	30- 88 MHz: $\leq 2.5:1$
Gain	30 MHz: ≤ -9 dBi
Polarisation	Vertical
Radiation Pattern Azimuth	Omnidirectional

MECHANICAL

Dimensions (LxWxH)	301 x 91.5 x 409 mm
Weight	2.0 kg
Connector	TNC female

ENVIRONMENTAL

Environmental	MIL-STD-810G
Continuous Operating Temperature	- 54°C Min + 71°C Max
Vibration	MIL-STD-810G, Method 514.7, Procedure 1

