

12-59

CHELTON

V/UHF Antenna

30-400MHz

The 12-59 is a low profile airborne antenna designed for passive operation over the following VHF/UHF frequency bands 30-88 MHz, 108-174 MHz and 225-400 MHz.

ELECTRICAL

Frequency	30-400 MHz
Power Handling	25W max
Impedance	50 Ω
VSWR	30 - 88 MHz < 2.5: 108 - 118 MHz < 5.0:1 118 - 174 MHz < 2.5:1 225 - 400 MHz < 2.25:1
Radiation	Omnidirectional
Polarisation	Vertical

MECHANICAL

Dimensions (LxWxH)	189.2 x 69.9 x 230.1 mm
Weight	0.95 kg
Connector	TNC Female

ENVIRONMENTAL

Continuous Operating Temperature	- 50°C Min + 50°C Max
Altitude	30,000 ft

