

10A14-2

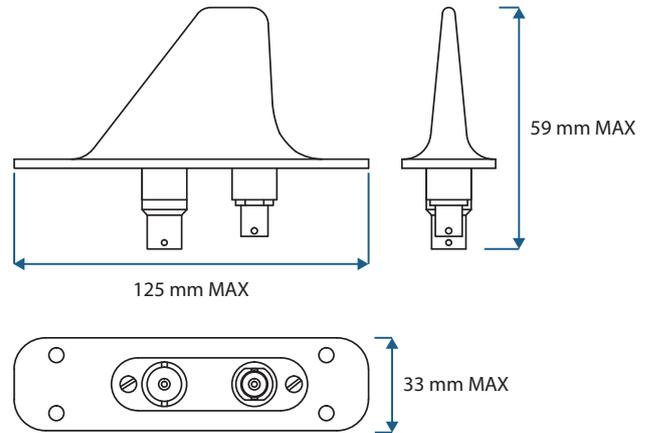
CHELTON

L-band Antenna for IFF transponder

Key features:

- With test port
- C type connector
- 4 hole base

The 10A14-2 is a blade antenna covering the IFF frequency bands and designed for high speed airborne applications. The antenna includes a test port.



ELECTRICAL

Frequency Range (MHz)	1020-1040 1080-1100
Impedance	50 Ω
VSWR	1.5:1 (max)
Gain	≥ -6 dB wrt $\lambda/4$ monopole
Polarisation	Vertical
Radiation	Omnidirectional
Power Handling	50W mean (max) 4 kW peak (max)

MECHANICAL

Dimensions (LxWxH)	125 x 33 x 59 mm
Height Above Base	59 mm
Weight	0.12 kg
Connector	Type C female (antenna) Type BNC female (test port)
Platform(s)	Air

ENVIRONMENTAL

Standard	MIL-STD-810
Continuous Operating Temperature	- 33°C Min + 70, 96 (Intermittent)°C Max
Altitude	55000 ft
Vibration	MIL-STD-810B Method 514.3 Procedure I

