

10A14-3

CHELTON

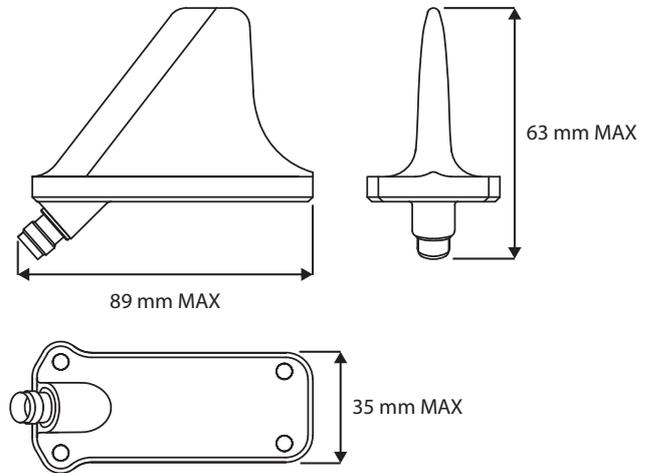
L-band Blade for IFF Transponder.

Key features:

- Single port
- C type connector
- 4 hole base

The 10A14-3 is a blade antenna covering the IFF frequency bands and designed

for high speed airborne applications. It has a single connector. (no 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)

ENVIRONMENTAL

Standards	MIL-STD-810
Continuous Operating Temperature	- 33°C Min + 71, 96 (Intermittent)°C Max
Altitude	55000 ft
Vibration	MIL-STD-810F Method 514.3 Procedure 1

MECHANICAL

Dimensions (LxWxH)	89 x 35 x 63 mm
Height Above Base	63 mm
Mass	0.16 kg
Connector	Type C female (antenna)
Platform(s)	Air

