

10A29-22

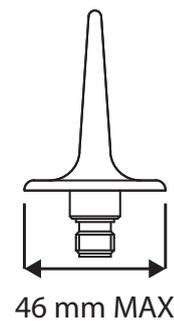
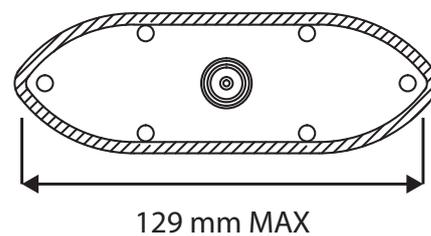
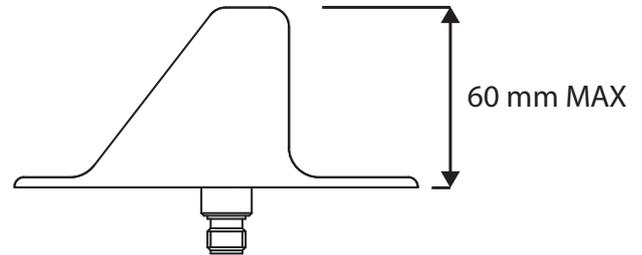
CHELTON

L-Band Blade. 960-1220MHz.

Key features:

- Single Port
- TNC connector
- 6 holes
- Enhanced match over IFF

The 10A29-22 is an L-band antenna designed for use over the frequency range 960-1220 MHz in airborne applications. It has a single TNC RF connector and no test port.



ELECTRICAL

Frequency Range (MHz)	950-1220
Impedance	50 Ω
VSWR	<1.5:1 over 1000 - 1150 MHz < 2:1 over 960-1000 and 1150 - 1200 MHz
Gain	\geq -2.5 dB wrt matched monopole
Polarisation	Vertical
Radiation	Omnidirectional
Power Handling	2.5 kW peak

MECHANICAL

Dimensions (LxWxH)	129 x 46 x 60 (mm)
Height Above Base	60 mm
Mass	0.1 kg
Connector	TNC Female
Platform(s)	Air

ENVIRONMENTAL

Standards	MIL-STD-810 MIL-E-5400
Continuous Operating Temperature	- 54°C Min + 135°C Max
Altitude	50000 ft
Vibration	MIL-STD-810B Fig 514-2 Curve H (see Figure 1 for profile)

