

10A29-5

CHELTON

L-Band Blade. 960-1220MHz.

Key features:

- With test port
- N connector
- 6 holes

The 10A29-5 antenna is an L-band blade designed for use over the frequency range 960-1220MHz in airborne applications. It is similar to the 10A29-4 with a modified footprint and a test port.

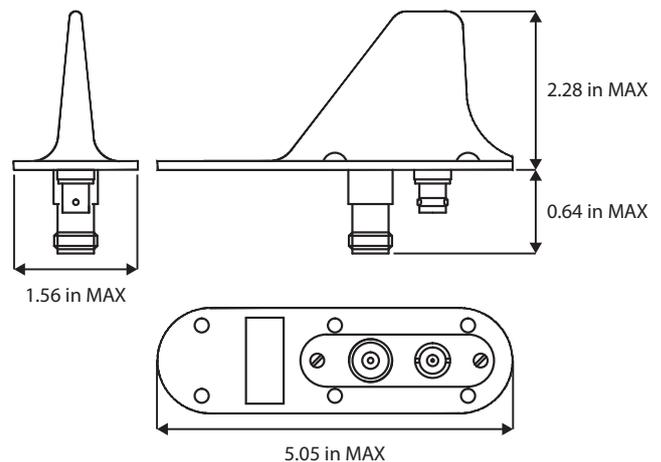


ELECTRICAL

Frequency Range (MHz)	960-1220
Impedance	50 Ω
VSWR	1.5:1
Gain	-3 dB wrt matched monopole
Polarisation	Essentially vertical (when mounted vertically)
Radiation	Azimuth: omnidirectional Elevation: Essentially cosinusoidal
Power Handling	1.5 kW (peak) 15 W cw (max)

MECHANICAL

Dimensions (LxWxH)	128 x 40 x 58 (mm)
Height Above Base	58 mm
Mass	0.135 kg
Connector	RF Probe: N female Test Probe: BNC female
Platform(s)	Air



Standards

Environmental	MIL-STD-810B
Continuous Operatin Temperature	54°C Min + 70, 153 (2 minutes)°C Max
Altitude	50000 ft
Vibration	MIL-STD-810B Method 514 Proc 1 (Fig 514-2 Curve H)

