

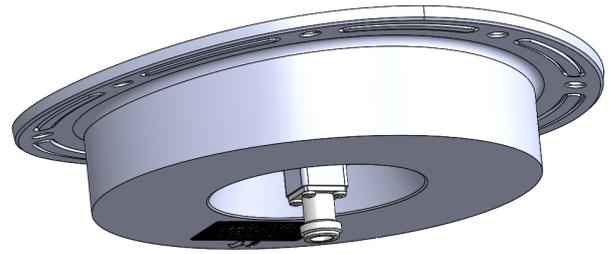
10-3002-1 10-3002-2

CHELTON

Conformal L-band Antenna

Key features:

- Fully Conformal
- High Power Capacity
- Lightning Zone 1A/2A
- Suitable for supersonic fighter jets



Type 10-3002-1 and Type 10-3002-2 are passive conformal antennas for fast jets.

The antennas operate over a broad frequency within the L band of 960 to 1220 MHz. They offer omni azimuthal radiation patterns, typical of quarter-wave monopole over a ground plane.

ELECTRICAL

Impedance	50 Ω
VSWR	$\leq 2.0:1$
Gain	>2 dBi
Polarisation	Linear, Vertical

MECHANICAL

Dimensions	(220-240) x 45
Dia x H	Diameter is dependant on the local curvature
Weight	0.7 kg (typ) dependant on the local curvature
Connector	N Female

ENVIRONMENTAL

Continuous Operating Temperature	- 62°C Min + 89, 115 (int)°C Max
Standards	Mil Std 810G w/change 1

