

9-34

Dual Band Blade Antenna

Key features:

- Dual band passive
- Aerodynamic
- High temperature
- Rugged

The 9-34 is a combined UHF/L-band antenna designed to provide communications over the frequency bands 225 to 400 MHz and 960 to 1220 MHz and intended for use in high performance applications.

The 9-34 is configured as a single broadband monopole structure, formed by silver loaded paint on the exterior of a high strength blade. Incorporated in the metallisation are decoupling techniques to prevent corruption of the elevation pattern at a high frequencies.

Additionally the antenna incorporates an internally fitted diplexer to provide isolation between the bands.



ELECTRICAL

Frequency	225-1220 MHz
Power Handling	4000 watts max
Impedance	50 Ω
VSWR	$\leq 2:1$ 225-400 MHz
Polarisation	Vertical

MECHANICAL

Dimensions (LxWxH)	191 x 70 x 244mm
Weight	0.91 kg
Connector	TNC female

ENVIRONMENTAL

Continuous Operating Temperature	- 54°C Min + 138°C Max
Altitude	70,000 ft
Standards	MIL-STD-810

