



1501341 SERIES (BATWING) AIRBORNE UHF SATELLITE ANTENNA

The 1501341 Series (Batwing) Ultra-high Frequency (UHF) Antenna design provides high-performance satellite communications for satellite elevation intercept angles of +35° above the horizon through the aircraft zenith.

This lightweight unit has been designed with performance parameters suitable for deployment in high-performance, executive-class aircraft and helicopters.

The antenna is constructed of a foam-filled fiberglass housing, which contains all component parts including the required phasing coupler. The only external connections required are the radio input and external load termination (available option part number 1200018-001).



ELECTRICAL	
Frequency range	240 – 400 MHz
VSWR	1.5:1
Gain	+6.3 dBic nominal +6.0 dBic typical
Impedance	50 ohms
Polarization	Right-hand circular
Radiation pattern	Omnidirectional in azimuth. Stub pattern in elevation.
Lightning protection	MIL-B-5087
Impedance	50 Ohms
ELECTRICAL	
Connectors	N female
Weight	6.2 lbs (2.81 kg)
Drag	3.5 lbs at 45,000 ft, mach 0.78
Finish	
1501341-002	Black
1501341-003	White
Available option	
1200018-001	Resistive load termination
ENVIRONMENTAL	
Operating temperature	-25°F to +200°F
Storage temperature	-54° to +250°F

KEY FEATURES

- > Upper hemisphere coverage
- > Low drag
- > Lightweight
- > External 50-ohm load termination required

For further details and specifications, contact the factory at antenna.info@L3Harris.com

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Nonexport-controlled Information

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