



C119 AT-256A/ARC UHF ANTENNA

The C119 antenna (AT-256A/ARC) has proven over the years to be a consistent performer for ultra-high frequency (UHF) military communications. We have taken the C119 and advanced it to today’s technology and to tomorrow’s aircraft environmental requirements.

The C119 offers the lightning-protected AT-256 with new alloys, unique damping characteristics and other engineering advances to substantially increase the side-load and vibration levels that the unit can withstand. The design has been successfully tested to values in excess of 12 pounds per square inch (psi) side load; to 15 root-mean-square (GRMS) vibration; to an altitude of 70,000 feet; and to average power levels of 50 watts. In addition, the unit weight has been decreased by 0.5 lbs.

This new version of the C119 is directly interchangeable with the older version and is competitively priced.

ELECTRICAL	
Frequency range	225–400 MHz
VSWR	2.0:1 max
Gain	4 dB min above $\lambda/2$ dipole
Impedance	50 ohms
Polarization	Vertical
Radiation pattern	Omnidirectional in azimuth; stub pattern in elevation
Beam squint	± 6 degrees max
Power handling	50 W CW
MECHANICAL	
Connector	N female
Weight	24 oz
Side load	12 psi (15 psi ultimate)
Vibration	10 G’s
Military	MIL-A-5815/1



KEY FEATURES

- > 12 psi side-load capable
- > Lightning protected
- > Internal vibration dampening

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

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Nonexport-controlled Information

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