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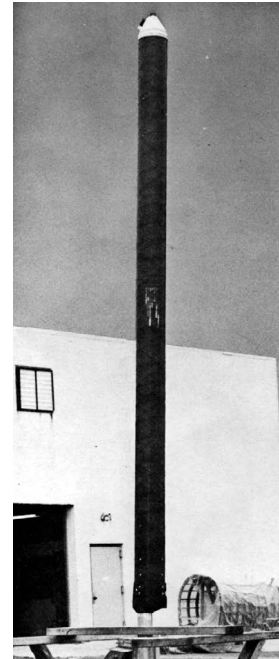
C97-1, AS-1097/GR4-ELEMENT COLLINEAR DIPOLE UHF ANTENNA

The C97-1 Antenna (AS-1097/GR) is a collinear array of dipoles for use as a mast-mounted ultra-high frequency (UHF) communication antenna. It is extremely rugged, designed for lightning protection and has provisions for 110-volt hazard lighting. It is completely encased in a very low silhouette fiberglass radome, which can handle winds of 110 knots while sustaining 3 inches of radial ice. It is intended for use in rugged, open and ungraded terrains.

Its high gain, very high-power handling and omnidirectional pattern make it ideal for use in situations where rugged, quickly erectable communications are needed.

The proprietary design yields an elevation beam that points upwards at 5 degrees independent of frequency. This feature makes it excellent for use in ground-to-air communications.

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
Power handling	1 kW CW
MECHANICAL	
RF connector	LC female (UG 352 B/U)
Weight	50 lbs
Qualification	MIL-STD-810C
Military	AS-1097/GR



KEY FEATURES

- > Rugged design
- > Ideal for mast-mount type applications
- > Lightning protection
- > Meets MIL-STD-810 specification

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

C97-1, AS-1097/GR4-Element Collinear Dipole UHF Antenna

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