



L3HARRIS™
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CNI37-1-1 ANTENNA

The CNI37-1-1 antenna provides for multiple functions within a single broadband element. It offers improved gain performance versus typical communication, navigation and identification antennas through increased element height and additional top loading.

Frequency selective choking networks on the radiating element provide optimal pattern performance across all operating bands.

External diplexers are available if multiple outputs are required.

ELECTRICAL	
Frequency range	30–1,220 MHz
VSWR	30–88 MHz 3.3:1 108–174 MHz 3.0:1 225–400 MHz 2.5:1 960–1,220 MHz 1.8:1
Gain (specification)	30–88 MHz -17 dBi 108–174 MHz -4 dBi 225–400 MHz 0 dBi 960–1,220 MHz +2 dBi
Gain (typical)	Consult with factory
Polarization	Vertical, linear
Impedance	50 Ω
Pattern coverage	Similar to 1/4 Stub
Power handling	25 W CW, VHF/UHF
MECHANICAL	
Connector	TNC female
Weight	10 lbs max
Finish	Flat black polyurethane



5200-121

KEY FEATURES

- > Unique multifunction design covering VHF through L-band frequencies
- > Improved gain performance compared to standard blade solution
- > Ideal radio-frequency performance across all frequency bands
- > External diplexer variants available

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

CNI37-1-1 Antenna

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Nonexport-controlled Information

L3Harris Technologies is an agile global aerospace and defense technology innovator, delivering end-to-end solutions that meet customers' mission-critical needs. The company provides advanced defense and commercial technologies across air, land, sea, space and cyber domains.



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