



L3HARRIS™
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AS-48197 LINEARLY POLARIZED LOG-PERIODIC ANTENNA

The AS-48197 log-periodic antenna features extremely broadband operation. It is a linearly polarized log-periodic antenna covering the full 2.0 to 40.0 gigahertz frequency band. Completely waterproof, all circuit elements are firmly foamed in place inside a low-loss, fiberglass radome. This construction provides a clean profile and rugged durability for airborne, ship or ground, fixed or mobile installations. Applications include surveillance, electronic support measures, radio frequency interference, electromagnetic capabilities, and TEMPEST testing.

ELECTRICAL	
Frequency range	2-40 GHz
VSWR	3.5:1 nom
Gain	6 dBi nom.
Impedance	50 ohms
Polarization	Linear
Cross polarization	15 dB nom.
Power handling	5 W CW
MECHANICAL	
Connector	K female
Radome	HEXCEL 120 glass cloth
Finish	Polyurethane paint (where noted)



KEY FEATURES

- > Ultra broad-band frequency range (2-40 gigahertz)
- > Waterproof design
- > Compact and rugged construction
- > Ideal for direction-finding and intelligence, surveillance, and reconnaissance type applications

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

AS-48197 Linearly Polarized Log-Periodic 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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