



L3HARRIS™
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AS-48015 LINEARLY POLARIZED LOG-PERIODIC ANTENNA

The AS-48015 log-periodic antenna features extremely broad band operation. It is a linearly polarized log-periodic antenna covering the full 1 to 18 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 measure, radio frequency interference, electromagnetic compatibility, and TEMPEST testing. The antenna is useful to 22 gigahertz for application with network analyzers.

The AS-48015 is available mounted in reflectors of 1.5, 2, 3, 4, 6 and 8 feet.

ELECTRICAL	
Frequency range	1 to 18 GHz
VSWR	2.25:1 max
Gain	6 to 8 dBi nom
Polarization	Linear
Impedance	50 ohms
Cross polarization	10 dB min
Power handling	5 W CW
MECHANICAL	
Connector	SMA female
Weight	10 oz (0.28 kgs.)



KEY FEATURES

- > Broad-band frequency range (1-18 gigahertz)
- > Waterproof design
- > Compact and rugged construction
- > Ideal for direction-finding and intelligence, surveillance, reconnaissance type applications

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

AS-48015 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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