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AS-48923

TWO-ARM SPIRAL OMNIDIRECTIONAL ANTENNA

The AS-48923 is a wideband, circularly-polarized omnidirectional antenna. Its mechanical design allows it to withstand demanding environments. Although this omnidirectional antenna is specified for 1.0 to 18.0 gigahertz frequency coverage, it exhibits useful characteristics down to 0.25 gigahertz. Applications of this antenna include ship, tower, aircraft, and vehicular installation. Also, when circular polarization is a requirement, it can be used in communications and direction-finding systems.

ELECTRICAL	
Frequency range	0.25 to 2 GHz
VSWR 90% of band	2.5:1 max
Gain	0 dBic nom -2.5 dBic min
Impedance	50 ohms
Polarization	RH or LH circular
Beamwidth 3 dB	150° nom
Power handling	Receiver or low power source
MECHANICAL	
Connector	SMA female
Weight	1.5 lbs (0.68 kg)
ENVIRONMENTAL	
Designed to meet MIL-E-5400	



KEY FEATURES

- > 1-18 gigahertz frequency coverage
- > Log conical spiral design
- > Hemispheric pattern coverage
- > Rugged construction

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

AS-48923 Two-Arm Spiral Omnidirectional 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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