



**L3HARRIS™**  
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# AS-48905 OMNIDIRECTIONAL ANTENNA

This circularly-polarized omnidirectional antenna with broad frequency capability is ideal for applications where hemispherical coverage is required. The antenna is suitable for satellite, ground, ship or airborne requirements. It may be used in communications or with direction-finding systems.

ELECTRICAL	
Frequency range	1-12 GHz
VSWR	2.5:1
Gain	0 dBic avg -2.0 dBic min
Impedance	50 ohms
Polarization	RH or LH circular
Beamwidth 3 dB (BW)	150° to 200° above -3 dBicil
Axial ratio	2 dB max on axis
Deviation from omni	±5 dB (in principal elevation planes over hemisphere)
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

- > 1-12 gigahertz frequency coverage
- > Log conical spiral design
- > Hemispheric pattern coverage

For further details and specifications, contact the factory at [antenna.info@L3Harris.com](mailto:antenna.info@L3Harris.com)

### AS-48905 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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