



**L3HARRIS™**  
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# AS-4305/U – SPS67(V4) ANTENNA

Representing the latest in enhanced shipboard antenna designs, L3Harris' AS-4305/U antenna provides monopulse functions and is designed for use with the SLQ-20 system. It is designed to meet stringent SPS-67 upgrade requirements.

In conjunction with an AS-3828A C-band radar, and AB-1337A pedestal, the AS-4305/U forms the OE-374A/SPS67(V4) antenna group. L3Harris' AS-4305/U is designed to support upgrades of the SPS-48 and SPS-49 systems and is compatible with existing mounting requirements for these systems.

ELECTRICAL		
Frequency range	Classified	
VSWR	2.5:1 max	
Impedance	50 ohms	
Polarization	Vertical	
Beam coverage	Omnidirectional sum and ISLS difference	
Sidelobe suppression	25 dB	
Feed circuit	Series corporate	
MECHANICAL		
Connector	Consult with factory	
Dimensions	AS-4305/U Height (overall system)	8 ft x 10.25 in x 11.25 in 52 in max
Diameter	AB-1337A	113 in max
Weight	(System)	536 lbs max
	AS-4305/U	78 lbs
	AS-3828A	128 lbs
	AB-1337A	300 lbs
Finish	Epoxy, white, color no. 17875	
ENVIRONMENTAL		
Vibration	MIL-STD-167, type 1	
Shock	MIL-S-901C, grade A	



## KEY FEATURES

- > Improved target identification
- > Comprised of composite materials, which makes the unit lightweight
- > 25-decibel side-lobe suppression
- > Ideal for shipboard applications

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

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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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1025 W. NASA Boulevard  
Melbourne, FL 32919