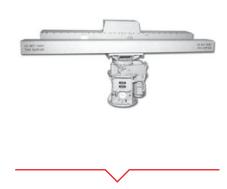


<u>AS-4305/U – SPS67(V4)</u> <u>ANTENNA</u>

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) AS-4305/U AS-3828A AB-1337A	536 lbs max 78 lbs 128 lbs 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

AS-4305/U - SPS67(V4) Antenna

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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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