



L3HARRIS™
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H69-1 QUADRAPLEXER ANTENNA COUPLER

The H69-1 provides the ability to operate dual navigation systems and dual glide-slope receivers from one very high frequency omnidirectional range (VOR) antenna in one small, lightweight component. As with our other coupler series, the H69-1 is designed to couple multiple systems to the single antenna with minimum insertion loss, but with more than adequate isolation to prevent intersystem crosstalk.

The ruggedly built H69-1 is housed in an aluminum case. All circuit components are fully encapsulated for vibration and waterproof protection.

ELECTRICAL	
Frequency range	108–118 MHz 329–335.3 MHz
VSWR	2.0:1 max
Impedance	50 ohms
Isolation	VOR 18 dB min VOR-GS 20 dB min GS-GS 18 dB min
Insertion loss	VOR 1 dB max GS 1 dB max
Power handling	Receiver only
MECHANICAL	
Connector	BNC male
Weight	4 oz max
ENVIRONMENTAL	
	MIL-E-5400 Class II Vibration 1A



KEY FEATURES

- > Rugged aluminum design
- > Capable of operating dual navigation and glide-slope functions through single VOR unit
- > Vibration and waterproof protected housing
- > Minimal insertion Loss

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

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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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