



**L3HARRIS™**  
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# N48 SERIES VOR/LOC BALANCED LOOP ANTENNA

L3Harris' N48 Series balanced loop antenna design assures an omnidirectional radiation pattern at the horizon. This allows it to obtain the maximum signal for standard VHF omnidirectional radio range localizer (VOR/LOC) and area navigation systems installed in lightweight aircraft, medium twins, and helicopters operating up to 250 miles per hour.

The N48-3 antenna uses a phasing coupler. This enables ease of installation if an access panel is not available, or if the vertical stabilizer is so narrow at the point of installation that it makes it necessary to install the antenna with both cable leads forward or aft.

Dual VOR receiver operation is obtained when the antennas are used with the H21-1 diplexer.

ELECTRICAL	
Frequency range	108 – 118 MHz
VSWR	5.0:1
Impedance	50 Ohms
Polarization	Horizontal
Radiation patterns	Omnidirectional
DC resistance	Open circuit
Power handling	Receive only
MECHANICAL	
Connector	BNC male
Weight	1.12 lbs (0.51 kg)
Finish	White polyurethane



## KEY FEATURES

- > Balanced loop design
- > VOR/LOC
- > Extremely lightweight
- > 250 mph rates

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

### N48 Series VOR/LOC Balanced Loop Antenna

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Cleared by OFOISR for Public Release | 1000-168 (M85)

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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