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

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

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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