



L3HARRIS™
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N50 SERIES **MARKER BEACON ANTENNAS**

The N50 Series antennas are designed for the reception of 75-megahertz marker beacon signals on high-performance supersonic aircraft.

These rugged, lightweight antennas require extremely simple external mounting with no cutting of airframe structural members. The largest hole required is for the connector.

Moisture proofing is assured by the dielectric foam-filled polyester-fiberglass radomes. The Skydrol-resistant housings are fitted with metal leading edges for erosion protection and elimination of P-static.

The N50 Series antenna is designed to meet the performance specifications of AT-134 and AT-536 antennas and reliability standards.

ELECTRICAL	
Frequency range	74.75-75.25 MHz
VSWR	
75 MHz	<1.5:1
74.8 – 75.2 MHz	<5.0:1
VSWR	curve stable from -65°F to +160°F
Gain	-10 dBi at peak of beam
Impedance	50 ohms
Polarization	Horizontal
Bandwidth	500 kHz
Power handling	Receive only
MECHANICAL	
Connector	TNC female
Weight	1.5 lbs (0.68 kg)
Finish	
N50-1	Lusterless black aliphatic polyurethane paint
N50-3	Epoxy polyamide primer
ENVIRONMENTAL	
Qualified to	MIL-T-5422E TSO C35c



KEY FEATURES

- > Leading edge erosion protection
- > Temperature stable voltage standing wave ratio (VSWR) response
- > Rugged polyester-fiberglass radome

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

N50 Series Marker Beacon Antennas

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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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