



L3HARRIS™
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NI70

DME/ATC TRANSPONDER ANTENNAS

The NI70 L-band antennas offer more than enough bandwidth (950 to 1,220 megahertz) for use with civil aviation air traffic control (ATC) transponders and distance measuring equipment (DME). The antenna provides omnidirectional, vertically polarized coverage when installed on the top or bottom of an aircraft. Its streamlined shape assures minimum aerodynamic drag. Structurally, the antenna consists of a single metal element.

ELECTRICAL	
Frequency range	960-1,220 MHz
VSWR	
960-1,220 MHz	Less than 1.7:1
1000-1,100 MHz	Less than 1.5:1
Gain	Equivalent to a quarter wave stub
Impedance	50 ohms
Polarization	Vertical
Radiation patterns	Omnidirectional
DC resistance	Open circuited
Power handling	2 kW peak
MECHANICAL	
Connector	
NI70-1, NI70-3	Type C female
NI70-2	Type BNC female
Weight	0.25 lbs
Finish	White
ENVIRONMENTAL	
Drag, sea level at 250 mph	0.5 lbs
TSO C66a	ENV. CAT. JAJXXXX
TSO C74b	ENV. CAT. JAJXXXX



KEY FEATURES

- > Sleek profile
- > Lightweight
- > Multiple connector options

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

NI70 DME/ATC Transponder Antennas

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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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