



**L3HARRIS™**  
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# N43 SERIES ANTENNA

The N43-1, N43-3 and N43-4 are low silhouette antennas for use with 75-megahertz marker beacon receivers. When properly mounted on the underside of an aircraft, the antennas provide a broad, single-lobed pattern directed downward.

The radiation is polarized parallel to the long dimension of the antenna. Electrical elements of the antenna are completely sealed by foamed-in-place resin within a plastic housing. As a result, the N43-1 is rugged enough for use on all subsonic aircraft.

ELECTRICAL	
Frequency range	74.75-75.25 MHz
VSWR	Less than 5:1
Less than 2:1 at 75 MHz	50 ohms
Gain	-10 dB
Impedance	50 ohms
Polarization	Horizontal
Radiation pattern	Hemispherical
DC resistance	Grounded
Power handling	Receive only
MECHANICAL	
Connector	Type BNC female UG-89
Weight	1.0 lb
Finish	White
ENVIRONMENTAL	
FAA	TSO C35c
D0138 ENV. CAT.	JAJ XXX
Drag, sea level at 250 MPH	Less than 0.5 lbs



## KEY FEATURES

- > Low-profile design
- > Multiple mounting flange options
- > Broad downward coverage radiation pattern

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

### N43 Series Antenna

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Nonexport-controlled Information

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