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N25 SERIES GLIDE SLOPE ANTENNA

The N25 Series of glide slope antennas employ a grounded, center-fed loop as the radiating element. The resulting radiation patterns are symmetrical. The N25-2 is a dual connector version, which incorporates a hybrid and adds a direct current path to ground for lightning protection. This circuitry effectively isolates the two associated receiving systems providing protection against disablement of both systems in the event of failure in one system. The radiation pattern associated with each N25-2 antenna port is identical so that no coupler drop-out problem during automatic landing occurs. They are suitable for mounting either externally or within a nose radome. The inherent 180-degree pattern beam may be modified slightly by the geometry surrounding the installation. The N25 antennas are recommended for installations near radar dish installations because the antenna's (glide slope) sensitivity is relatively unaffected by dish motion.

ELECTRICAL	
Frequency range	329-335.3 MHz
VSWR	
N25-1	5:1
N25-2	3:1
N25-3 (AT-983)	3:1
Gain	0 dB
Impedance	50 ohms
Polarization	Horizontal
Power handling	Receive only
MECHANICAL	
Connector	
N25-1	Type TNC female
N25-2	Type C female
N25-3 (AT-983)	Pressurized type N female
Weight	
N25-1	8 oz (0.23 kg)
N25-2	14 oz (0.39 kg)
N25-3 (AT-983)	8 oz (0.23 kg)
Type of constructions	All aluminum with dielectric sealed feed
ENVIRONMENTAL	
Military	Qualified for vibration, humidity, temperature, altitude shock and salt spray per MIL-T-5422E
FAA	TSO C34b



KEY FEATURES

- > Rugged construction
- > Single or dual output models
- > Lightweight
- > Radome bulkhead mounting

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

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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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