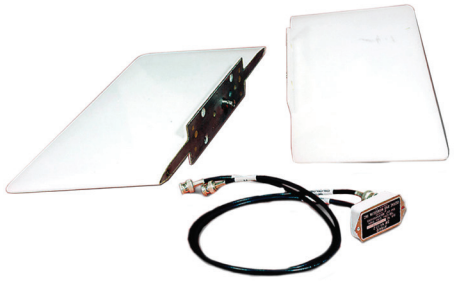
L3HARRIS™
FAST. FORWARD.

N4-17 SERIES VOR/LOC GLIDE SLOPE ANTENNA

L3Harris' N4-17 VHF Omnidirectional Radio Range Localizer (VOR/LOC) glide slope antenna is designed for general aviation, commercial and military aircraft that operate up to Mach 1.0. The N4-17 is designed and qualified to provide a low-cost, lightweight, low-drag antenna for state-of-the-art avionics systems. The antenna is Technical Standard Order (TSO) certified and its performance parameters exceed the environmental specifications of MIL-E-5400 Class 3 equipment. Therefore, the N4-17 can be installed on single- to jet-engine aircraft.

The balanced loop design of the N4-17 assures an omnidirectional radiation pattern at the horizon to obtain the maximum signal for standard VOR and area navigation. In turn, this provides more receiving distance and reliable system performance. The standard system is the N4-17/N, which consists of two antenna elements (N4-17-1/N), two feed cables and gaskets (U212-1 and U235-1 respectively) and a phasing coupler (N4-17-2). Dual output couplers (N4-17-4) are available as well.

PARAMETER	SPECIFICATION
Electrical	
Frequency range	
VOR/LOC	108 – 118 MHz
Glide slope	329 – 335.3 MHz
VSWR	5.0:1 max
Gain	0 ±2 dB
Impedance	50 Ohms
Polarization	Horizontal
Radiation patterns	
VOR/LOC	Omnidirectional
Glide slope	Forward pointing
Lightning protection	DC short
Power handling	Receive only
Mechanical	
Connector	BNC female
Cable length	28 in
Side load	17 psi
Weight	1.32 lbs
Environmental	
Drag	See graph
FFA	C34e, C36e, C40c
D0138 ENV. CAT.	AA5XXXXXHDXS



KEY FEATURES

- Lightweight, low-drag design
- Commercial and military platform usage
- Antenna elements can be replaced individually
- Mounting gaskets provided