



# C70 SERIES

## VHF ANTENNA 360/720 CHANNEL BROADBAND

The C70 Series very high frequency (VHF) communication antennas are designed for top or bottom installation on high-performance, single, twin and turbo engine fixed- and rotary-wing aircraft. These uniquely designed antennas offer mechanical strength and high electrical efficiency to provide maximum reliability and full 360/720 channel transceiver operation. The lightweight profile is unobtrusive, resists icing and offers low drag.

The C70-3 is directly interchangeable with the following part numbers: C598501-0104, VF 10-210, CI 109, and CI 121.

The C70-4, which supersedes the C70-2, is specifically designed for bottom installations where ground clearance does not permit the use of other C70 Series antennas. The C70-4 provides a higher degree of efficiency to assure maximum performance from your transceiver.

The C70-6 and C70-9 variants of the C70-1/A have different mounting-hole patterns and connector locations. All other characteristics remain the same.

ELECTRICAL	
Frequency range	118 – 137 MHz
VSWR	
C70, -1/A, -3, -9	2.0:1
C70-4, -6	2.5:1
Impedance	50 ohms
Polarization	Vertical
Radiation patterns	Omnidirectional in azimuth
Power handling	50 watts
MECHANICAL	
Connector	BNC female
Weight	1.2 oz (0.34 kg)
Finish	White polyurethane
ENVIRONMENTAL	
TSO	C37d, C38d
D0160c ENV CAT	F2-ABCXWFDXSXXXXXXXXXX
Speed rating	
C70-1/A, -4, -6, -9	400 MPH
C70-3	250 MPH



### KEY FEATURES

- > High-strength, tapered housing
- > Bent-back, low-profile options
- > High reliability
- > Lightweight

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

#### C70 Series VHF Antenna 360/720 Channel Broadband

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