

C70 Series

VHF Antenna 360/720 Channel Broadband

The C70 Series 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 a different mounting hole pattern and connector location. All other characteristics remain the same.



SPECIFICATIONS FOR: C70 SERIES VHF ANTENNA 360/720 CHANNEL BROADBAND

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 W
MECHANICAL	
Connector	BNC Female
Weight	12 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

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INCHES (CENTIMETERS)

Consult with factory for mounting specifications.

FLORIDA | NEW YORK | VIRGINIA | BRAZIL | UNITED KINGDOM | UAE | SINGAPORE

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INFORM AND PROTECT™