

VHF/FM S65-8280-4



U.S. Patent No. 4,509,053

DESCRIPTION

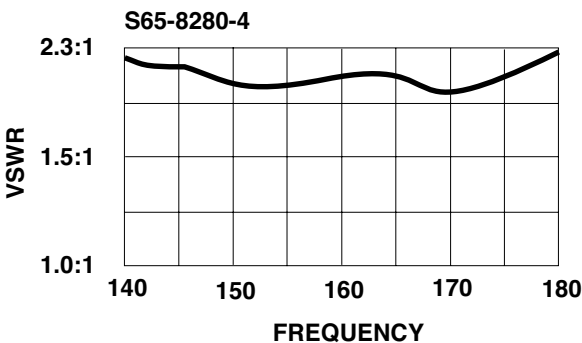
S65-8280-4: High band VHF/FM, all metal, DC grounded to provide lightning protection. For military, commuter and corporate aircraft with speeds up to 600 mph. Eliminates "P" static. Hermetically sealed. Bolt pattern interchangeable with Collins 37R-2, VC10-126, DMC 60 and other VHF communications antennas. Sonobuoy application.

NSN: 9059-00-856-5395

NSN: 5985-01-067-4131

FEDERAL & MILITARY SPECS: FAA TSO C37b and C38b, MIL-STD-810, MIL-E-5400, MIL-A-9094, MIL-A-7772 (ASG), MIL-A-6271, MIL-B-5087.

PERFORMANCE



SPECIFICATIONS

VHF/FM
S65-8280-4

ELECTRICAL

Frequency 140-180 MHz
VSWR 2.3:1
Pattern Omni/Az
 Cos/EI
Polarization Vertical
Impedance 50 ohms
Power 100 watts
Lightning Protection ... DC grounded

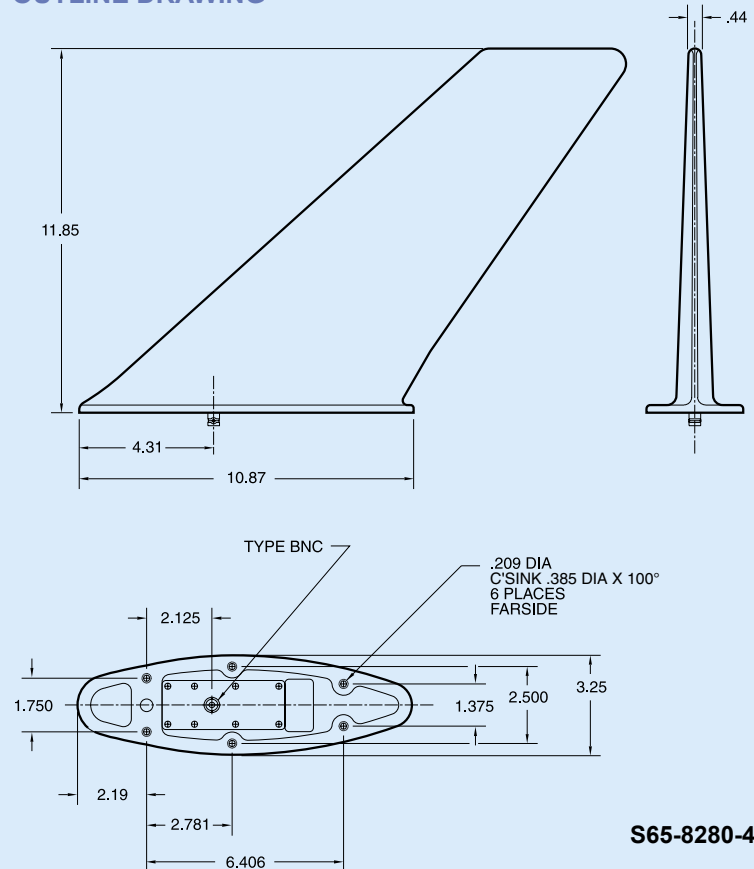
MECHANICAL

Weight 2.8 lbs.
Height 11.85 in.
Material A356-T61 aluminum casting
Finish Skydrol resistant enamel
Connector BNC
Drag 1.5 lbs. Mach .85 @ 35,000 ft.

ENVIRONMENTAL

Side Load 12 psi
Temperature -60°F to +185°F
Vibration 14 G's
Altitude 60,000 ft.

OUTLINE DRAWING



S65-8280-4