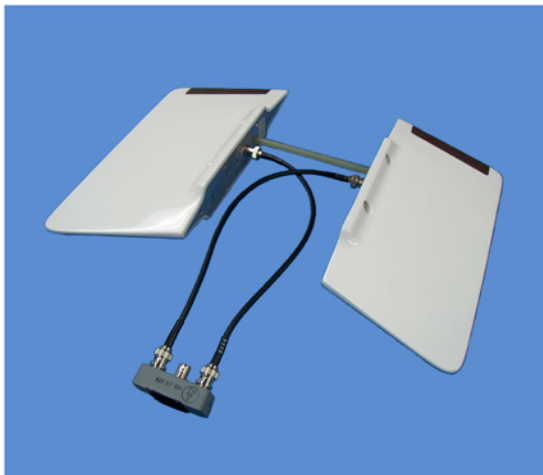


VOR/LOC/GS S65-247-12



DESCRIPTION

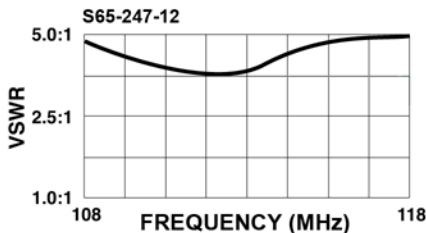
S65-247-12: System consists of two blades with stainless steel leading edge, phasing coupler, 13.75 inch cables and alignment rod. The balanced loop design assures an omni-directional radiation pattern at the horizon to obtain maximum signal for standard VOR/LOC/Glide Slope. Designed for use on single, twin, jet and helicopter aircraft. Bolt patterns interchangeable with Comant CI-120 and Dayton Granger 15960.

NSN: 5985-01-539-4199

FEDERAL & MILITARY SPECS: FAA TSO C34d, C36d, C40b, DO-160C and DO-153a.

Phasing coupler **SSPD-113-10** is tuned to the VOR Antenna blades and is part of the S65-247-12/-17/-27 system. (See SSPD-113-10 Data Sheet for further details).

PERFORMANCE



SPECIFICATIONS	
MODEL	S65-247-12
ELECTRICAL	
Frequency	VOR/LOC: 108-118 MHz Glide Slope: 328-336 MHz
VSWR	≤ 5.0:1
Pattern	VOR/LOC: Omnidirectional Glide Slope: Forward
Polarization	Horizontal
Impedance	50 ohms
Gain	0 ±2 dB
Lightning Protection	DC Grounded
MECHANICAL	
Weight	3.4 lbs.
Height	5.3 in.
Length	11.0 in
Width	1.85 in.
Material	Aluminum Alloy / Fiberglass / Stainless Steel
Connector	BNC Female
Finish	Skydrol Resistant Polyurethane Enamel
Drag	1.2 lbs. @ M.85 @ 35,000 ft.
ENVIRONMENTAL	
Temperature	-55°C (-67°F) to +71°C (+160°F)
Vibration	± 8.9 Gs
Altitude	50,000 ft.

