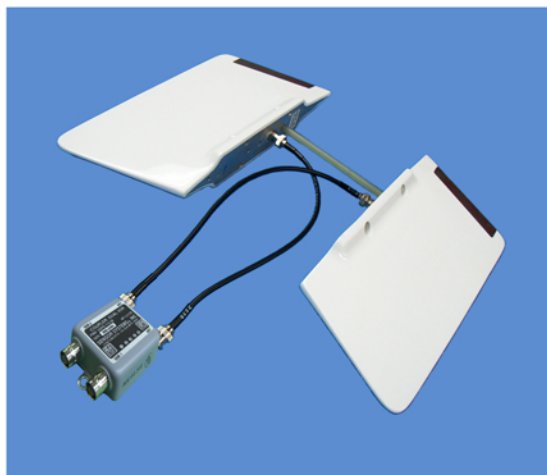


VOR/LOC S65-247-38



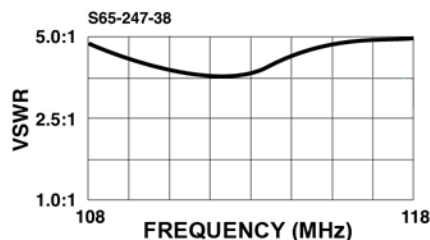
DESCRIPTION

S65-247-38: System consists of two blade antennas with stainless steel leading edges, 24-inch cables, alignment rod and phasing coupler. The system is a balanced loop design with omni-directional radiation pattern assuring maximum signal strength. The coupler included is for dual VOR installation. Designed for installation on general aviation aircraft as well as business jets and helicopters.

Phasing coupler/power divider **SSPD-113-38** is tuned to the VOR antenna blades for dual VOR installations, eliminating the need for additional power dividers. (See SSPD-113-38 Data Sheet for further details).

FEDERAL & MILITARY SPECS: FAA TSO C36e, C-40c, DO-160D/G, MIL-STD-810 D/E, SAAB JS032-13-ER-00017

PERFORMANCE



SPECIFICATIONS	
MODELS	S65-247-38
ELECTRICAL	
Frequency	108-118 MHz
VSWR	≤ 5.0:1
Pattern	Omindirectional
Polarization	Horizontal
Impedance	50 Ohms
Gain	0 ± 2 dBi
Lightning Protection	DC Grounded
MECHANICAL	
Weight (System)	2.7 lbs.
Height	5.45 in.
Length	13.00 in.
Width	1.89 in.
Material	Aluminum Alloy / Fiberglass / Stainless Steel
Finish	Skydrol Resistant Polyurethane Enamel
Connector	BNC Female
Drag	1.2 lbs. @ M.85 @ 35,000 ft.
ENVIRONMENTAL	
Temperature	-55°C (-67°F) to +70°C (+158°F)
Vibration	± 10 Gs
Altitude	70,000 ft.

