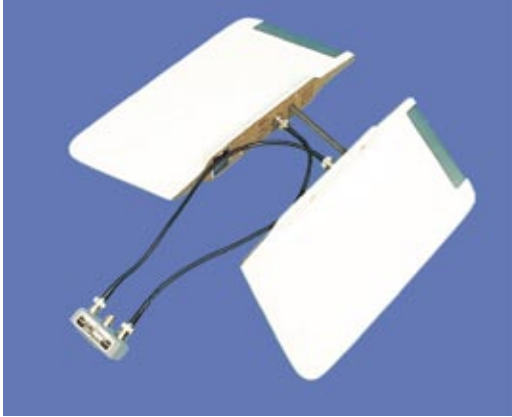


VOR/LOC/GS S65-247-Series



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 omnidirectional 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 pattern interchangeable with Comant CI-120 and Dayton Granger 15960.

S65-247-17: Same as (-12) except for connector location and mounting holes.

S65-247-27: Same as (-12) except for 24 inch cables.

S65-247-38: Same as (-17) except for 24 inch cables and SSPD-113-38 phasing coupler.

SSPD-113-10: Phasing coupler. Part of S65-247-12/-17/-27 system tuned to the VOR blades.

SSPD-113-11: Dual VOR/dual glide slope diplexer. Provides operation between two VOR and two glide slope receivers.

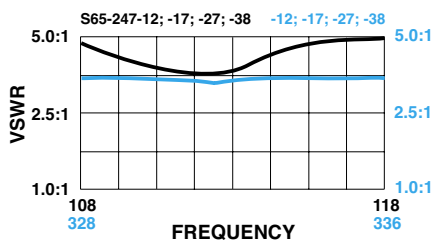
SSPD-113-12: Dual VOR/single glide slope diplexer. Allows operation of two VOR and one glide slope receiver from one VOR/glide slope antenna.

SSPD-113-13: Dual VOR coupler. Allows simultaneous use of two VOR receivers from one VOR antenna.

SSPD-113-38: Phasing Coupler/power divider. Part of S65-247-38 system tuned to the VOR blades. Eliminates the use of additional power dividers.

FEDERAL & MILITARY SPECS: FAATSO C34d, C36e, C-40c, DO-153, DO-160, MIL-STD-810, MIL-E-5400.

PERFORMANCE



Sensor Systems Inc.
 8929 Fullbright Avenue
 Chatsworth, CA 91311 USA
 818-341-5366 fax: 818-341-9059
 email: info@sensorantennas.com
 www.sensorantennas.com

SPECIFICATIONS

	VOR/LOC/GS	
	S65-247-12 S65-247-17 S65-247-27	S65-247-38
ELECTRICAL		
Frequency	108-118 MHz VOR/LOC 328-336 MHz Glide Slope	108-118 MHz VOR/LOC
VSWR	5.0:1	5.0:1
Pattern	Omni/Az (VOR/LOC) FWD (Glide Slope)	Omni/Az (VOR/LOC)
Polarization	Horizontal	Horizontal
Impedance	50 ohms	50 ohms
Power	Receive only	Receive only
Lightning Protection	DC grounded	DC grounded
MECHANICAL		
Weight	2.7 lbs.	2.7 lbs.
Height	5.3 in.	5.3 in.
Material	Aluminum / glass	Aluminum / glass
Finish	Skydrol resistant enamel	Skydrol resistant enamel
Connector	BNC	BNC
Drag	1.2 lbs. Mach .85 @ 35,000 ft.	1.2 lbs. Mach .85 @ 35,000 ft.
ENVIRONMENTAL		
Temperature	-65° F to +160° F	-65° F to +160° F
Vibration	8 G's	8 G's
Altitude	50,000 ft.	50,000 ft.

OUTLINE DRAWING

