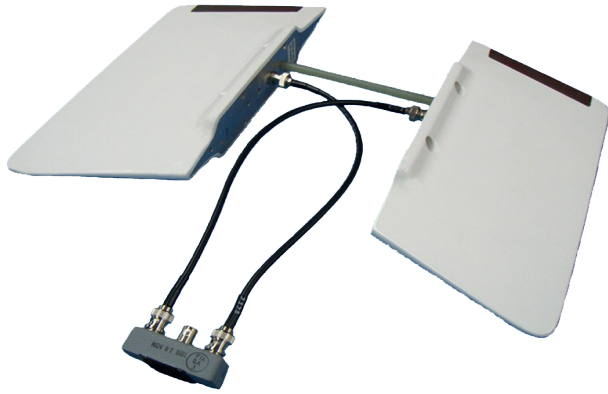


# VOR/LOC/Glide Slope **S65-247-12**



## Description

The VOR/LOC/Glide slope antenna systems consists of a pair of blade antennas, a phasing coupler, two 13.75 inch cables, and an alignment rod.

The **S65-247-12** system features a balanced loop design that guarantees an omnidirectional radiation patterns at the horizon, allowing for optimal signal acquisition. The blade antennas come with a stainless steel leading edge, ensuring resistance against erosion.

The system is suitable for employment in single and twin jets and rotor aircrafts. The bolt pattern is interchangeable with the Comant CI-120 and Dayton Granger 15960.

SSPD-113-10 is the phasing coupler tuned to the VOR blades and is part of the S65-247-12/-17/-27 system.

## Federal & Military Certifications:

TSO 34d, C36a, C40b, DO-160C and DO-153A.

## Specifications

### Electrical

Frequency	VOR/LOC: 108-118 MHz Glide Slope: 328-336 MHz
VSWR	≤5.0:1
Gain	0 ±2 dB
Polarization	Horizontal
Patterns	VOR/LOC: Omnidirectional Glide Slope: Forward

Impedance 50 Ω

### Mechanical

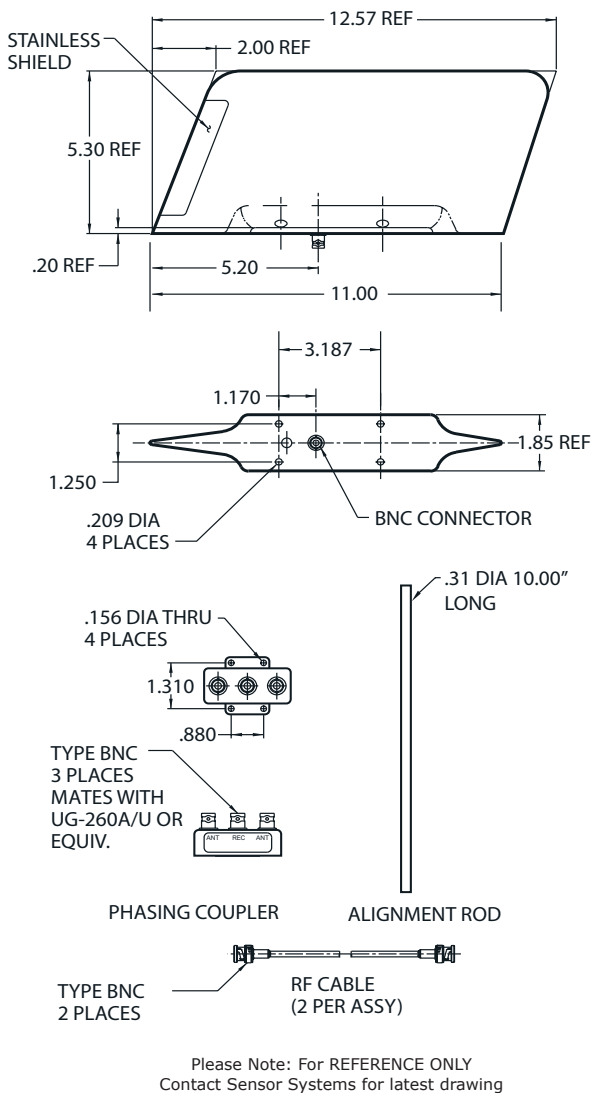
Weight	3.4 lbs.
Height	5.3 in.
Length	11.0 in.
Width	1.85 in.
Material	Aluminum Alloy Base / Fiberglass/ Stainless Steel
Finish	Skydrol Resistant Polyurethane Enamel
Connector	BNC Female
Drag	1.2 lbs. @ M.85 @ 35,000 ft.

### Environmental

Temperature (Operating)	-55°C (-67°F) to +71°C (+160°F)
Altitude	50,000 ft.

### Accessories

Blade Antennas	S65-247170 (2x)
Phasing Coupler	SSPD-113-10
RF Cable	S65-24726 (2x)
Alignment Rod	S65-24727



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