

# VOR/LOC/Glide Slope **S65-247-27**



## Description

The VOR/LOC/Glide slope antenna systems consists of a pair of blade antennas, a phasing coupler, and two 24 inch cables.

The **S65-247-27** 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.

## Federal & Military Certifications:

TSO 34d, C36d, 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
Polarization	Horizontal
Impedance	50 Ω

### Mechanical

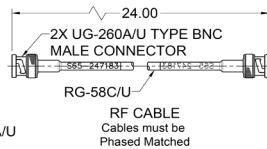
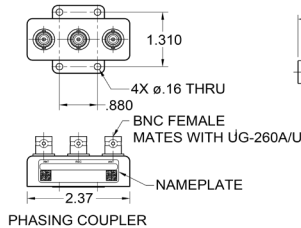
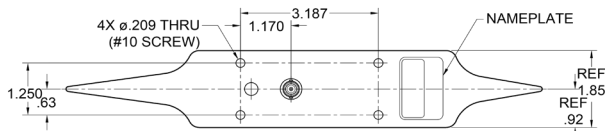
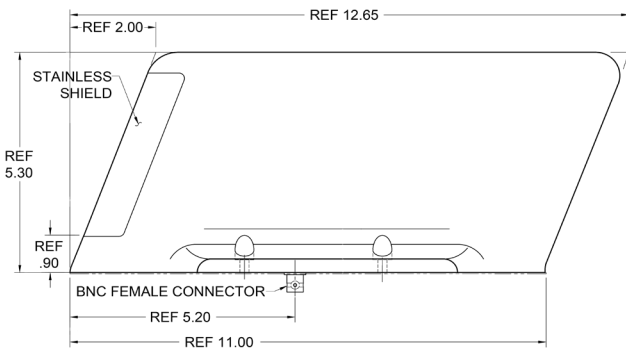
Weight (System)	2.7 lbs.
Material	Aluminum Alloy Base / Fiberglass/ Stainless Steel Gravel Shield
Finish	Skydrol Resistant Polyurethane Enamel
Connector	BNC Female
Drag	Mach .85 @ 35,000 ft = 1.2 lbs.

### 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	S65-247183 (2x)
Gasket	S65-247176 (2x)



Please Note: For REFERENCE ONLY  
Contact Sensor Systems for latest drawing



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