

# VERDANT JD 85

## VHF/UHF VOR/ILS/LOC/GS

JD 85 VOR/ILS/LOC/GS navigation antenna is designed for military as well as commercial application. The low profile antenna is designed to withstand extreme environmental conditions. The antenna is suitable for helicopters as well as high performance supersonic jets. A set includes a pair of blades, each with single TNC connector. Coaxial interconnect cables are provided on request.



SPECIFICATIONS

**ELECTRICAL**

Frequency Range	108 MHz - 118 MHz (VOR/LOC) 328 MHz - 336 MHz (Glide Slope)
VSWR	5:1 (Max) at 108 MHz - 118 MHz 3:1 (Max) at 328 MHz - 336 MHz
Polarization	Horizontal
Radiation Pattern	Omnidirectional (LOC) Forward Looking Lobe (GS)
Impedance RF	50 Ω Nominal
Static Protection	DC Grounded
Power RF	Receive only

**MECHANICAL**

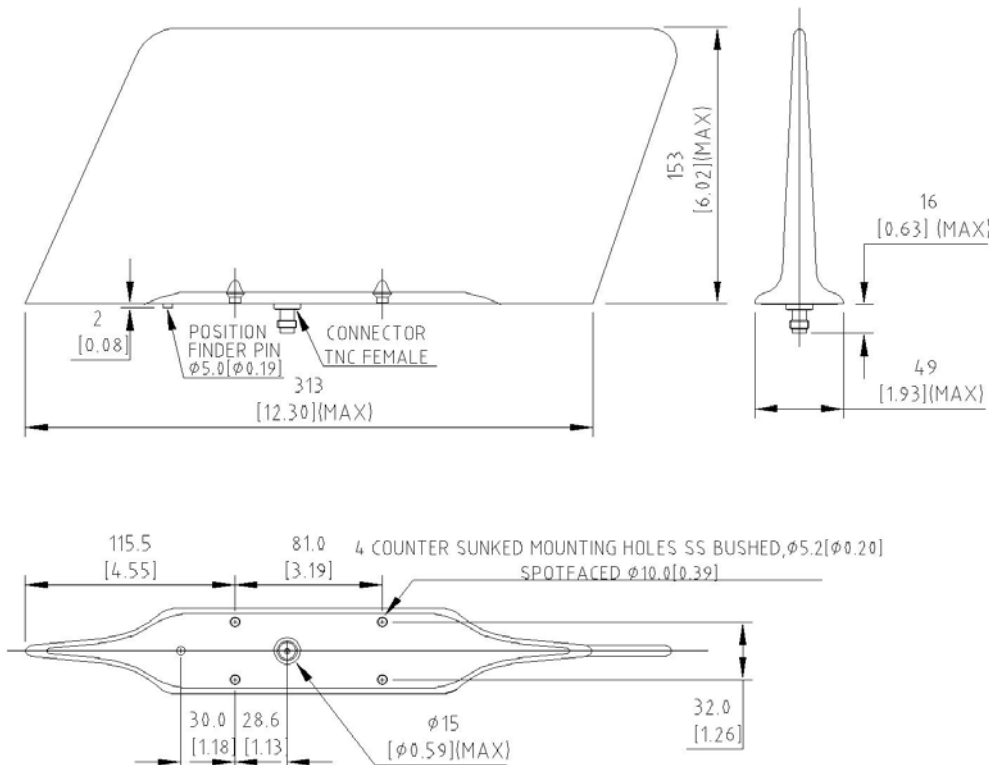
Weight	795 gram Max per blade
Height	153 mm (Max)
Material	Glass Epoxy
Finish	Matt
Connector	TNC Female

**ENVIRONMENTAL**

Temperature	-55°C to +90°C
Altitude	60,000 feet

\*Contact us for your customized requirements

Tests in accordance with MIL 810 F



Dimensions are in mm  
Inches shown in bracket

0413 Rev 00

\*All data contained herein is subject to change without notice



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