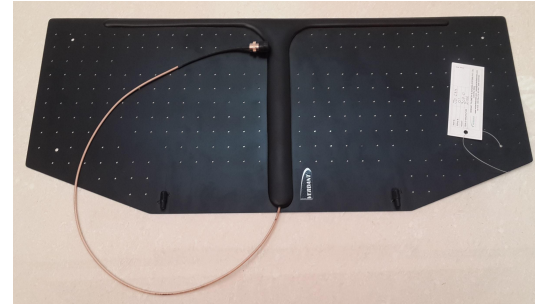


# VERDANT JD C81 MOD 01

## VOR/ILS GS Antenna

JD C81 MOD 01 is a conformal folded dipole loop antenna which functions in the frequency range of 108-118 MHz for VOR/ILS & 328-336 MHz for GS application. The light weight antenna is designed to be installed inside the nose radome of Su-30 aircraft or any aircraft with similar radome dimensions. The unique design enables the antenna to withstand extreme environmental conditions.



SPECIFICATIONS

**ELECTRICAL**

Frequency Range	108 – 118 MHz 328 – 336 MHz
VSWR	≤ 6.0:1 Both bands
Polarization	Horizontal
Radiation Pattern	Omni Directional in VOR/ILS band Forward looking lobe in GS band
Impedance RF	50 Ω Nominal
Static Protection	DC Grounded
Power RF	1 watt nominal

**MECHANICAL**

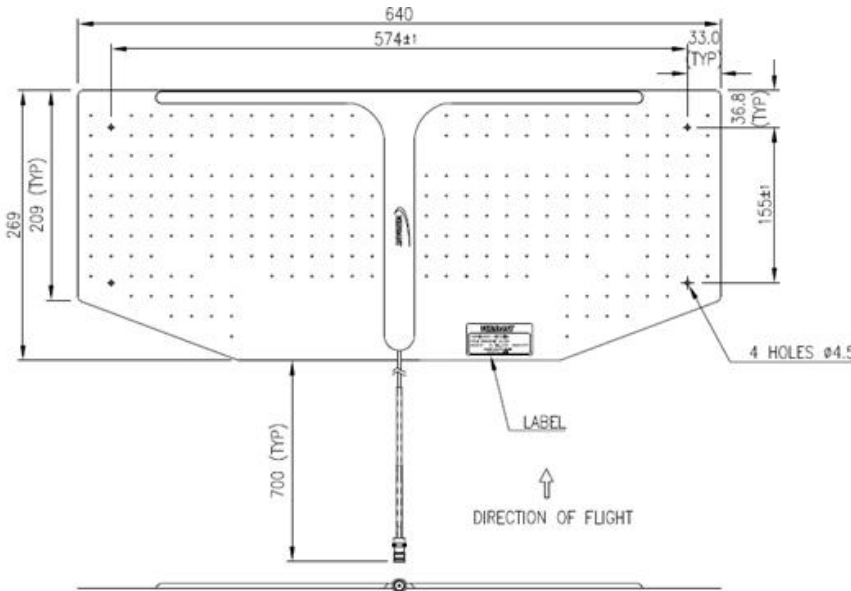
Weight	300 grams (Max)
Length x Width	640 x 269 mm (±1 mm)
Material	Glass Epoxy
Finish	Matt Black
Connector	TNC (F)

**ENVIRONMENTAL**

Temperature	– 55°C to 70°C
Altitude	80,000 feet

\*Contact us for your customized requirements

Tests in accordance with MIL 810 G



Dimensions are in mm

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



VERDANT TELEMETRY & ANTENNA SYSTEMS Pvt. Ltd.  
COCHIN – 682013, INDIA.  
Tel: +91-484-2663104 Fax: +91-484-2663576  
e-mail: sales@verdanttelemetry.com  
Website : www.verdanttelemetry.com

