

# HORN Antenna S06C101-F0

S06C101-F0 is a linearly polarized open boundary dual ridged horn antenna for the frequency range from 400-6000MHz. The broadband horn antenna has exceptional bandwidth and maximum VSWR of 2 throughout the band.

The gain increases with frequency up to approximately +15dBi with efficient beam width properties. The maximum allowed input power is only limited by the female N-connector. This antenna offers great value in terms of its weight, which is totally unmatched in this domain.

The material of construction and the surface coating technology embraced for this antenna, ensures to protect and withstand severe environmental condition.

## ELECTRICAL SPECIFICATION

Frequency Range	: 0.4GHz - 6GHz
VSWR	: $\leq 1.5:1$ (Typical) $\leq 2.2:1$ (Max)
Polarization	: Linear
Radiation Pattern	: <b>Directional</b>
Impedance	: $50\Omega$
Power	: 100 W CW



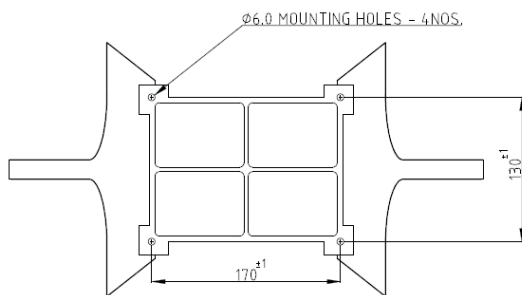
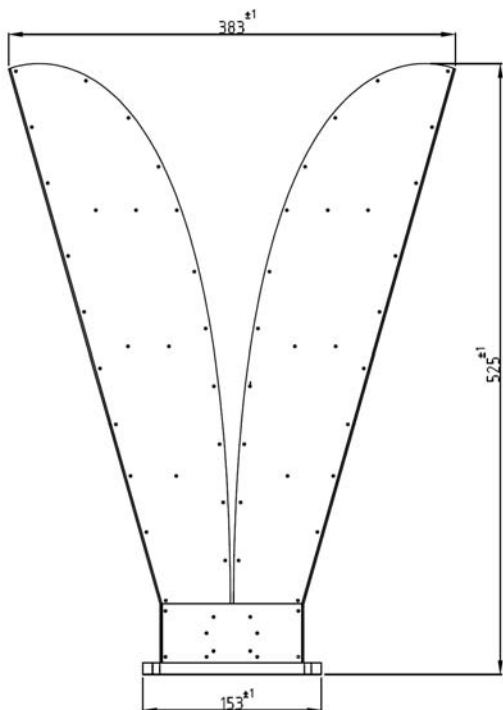
## ENVIRONMENTAL SPECIFICATION

Temperature Range	: $-40^{\circ}\text{C}$ to $+85^{\circ}\text{C}$
Generally in accordance with MIL-STD-810	

## MECHANICAL SPECIFICATION

Weight	: 2.5 Kg (Max)
Dimension(LxWxH)	: 525x383x365
Material	: Aluminium
Connector	: N Female Standard
Finish	: Clear Chromatized

# DRAWING SPECIFICATION FOR HORN ANTENNA S06C101-F0



All dimensions are in mm  
Drawing not to scale



For installation use factory supplied drawings and instructions

**Spectrum Antenna & Avionics Systems (P) Ltd**, Cochin, India.

Specifications are subjected to change without prior notice

Contact for custom requirements

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