



## MONOLITHIC RADOME SR08A01-A0

SR08A01-A0 is a monolithic hemispherical broadband Radome designed for operating in the frequency band of 1-18GHz. The purpose of the Radome is to protect the antenna from external aerodynamic loads and environmental loads without degrading the electrical performance of the antenna. This type of Radome is installed in the near field of the antenna and hence the Radome should be considered as part of the antenna. This Radome is vacuum molded from single piece glass to provide rugged and reliable structure for withstanding the extreme environmental conditions experienced on subsonic and supersonic aerodynes.



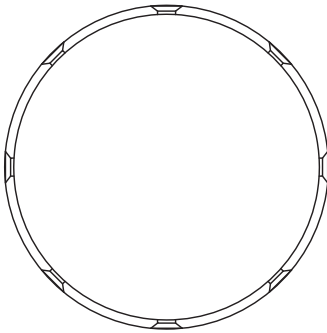
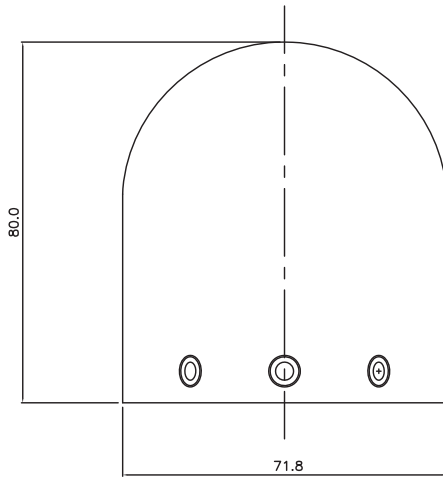
### ENVIRONMENTAL SPECIFICATION

Temperature Range : -54°C to +90°C  
Altitude : 60,000 Feet  
  
Generally in accordance with MIL-STD-810

### MECHANICAL SPECIFICATION

Weight : 50 Grams  
Height : 80 mm  
Colour : Black  
Finish : Matt  
Dimension : Refer Drawing Overleaf

# DRAWING SPECIFICATION FOR MONOLITHIC RADOME SR08A01-A0



All dimensions are in mm  
Drawing not to scale

$\varnothing$  4.0 hole through and CSK to with  $\varnothing$  7.0 x 100°  
equal spaced at 8 places.



For installation use factory supplied drawings and instructions

Specifications are subjected to change without prior notice

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

Contact for custom requirements

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