

S-BAND PATCH ANTENNA

GENERAL DESCRIPTION

Designed for both air and ground platforms. Antenna could be tuned for different frequencies and gains.

Electrical

Frequency Range	2.2 GHz to 2.4 GHz
Gain	6 dBi
Polarization	Linear or Circular
3-dB Beamwidth	72°Az, 67°Ei
Impedance	50 Ohm
Power Handling	35 Watt
Connectors	SMA

Mechanical

Material	Aluminum Alloy/ABS Radome
Surface Finish	Anodized
Dimension (mm)	100 x 100 x 25
Weight (g)	200

Operating Conditions

Temperature	-40°C to +85°C
Humidity	%95 R.H.
Altitude	50000 ft

Storage Conditions

Temperature	-40°C to +85°C
Humidity	%95 R.H.
Altitude	50000 ft

Environmental Test Standards

Mechanical	MIL-STD-810G
EMI/EMC	MIL-STD-461F

