

# S-BAND BLADE ANTENNA

## GENERAL DESCRIPTION

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

### Electrical

Frequency Range	2.2 GHz to 2.4 GHz
Gain	3 dBi
Polarization	Linear
3-dB Beamwidth	360° Az, 77° El
Impedance	50 Ohm
Power Handling	50 Watt
Connectors	SMA/N-type

### Mechanical

Material	Aluminum Alloy/ABS Radome
Surface Finish	Anodized
Dimension (mm)	110 x 60 x 25
Weight (g)	85

### 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

