

S-BAND PATCH ARRAY ANTENNA

GENERAL DESCRIPTION

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

Electrical

Frequency Range	2250 MHz to 2325 MHz
Gain	16.8 dBi
Polarization	Linear
3-dB Beamwidth	24° Az, 26° El
Impedance	50 Ohm
Power Handling	25 Watt
Connectors	SMA

Mechanical

Material	6061 Aluminum Alloy
Surface Finish	Anodized
Dimension (mm)	210 x 210 x 17
Weight (g)	510

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

