

C-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	5750 MHz to 5850 MHz
Gain	19.8 dBi
Polarization	Linear
3-dB Beamwidth	17° Az, 21° El
Impedance	50 Ohm
Power Handling	25 Watt
Connectors	SMA

Mechanical

Material	Aluminum Alloy/ABS Radome
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

