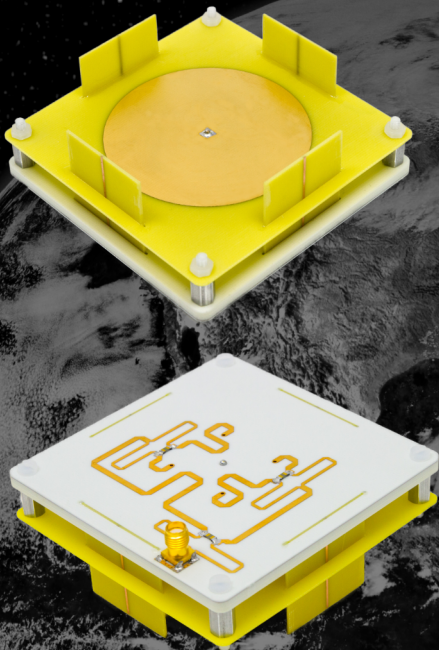


L Band Circularly Polarised Patch Antenna



Parameters	Description
Frequency	1518-1675MHz
VSWR	1.3:1 Max
Peak Gain	5.0-5.3dBiC
Half-Power Beamwidth	92°-102°
Polarisation	Right-Handed Circular
Axial Ratio	3.1dB Max up to @80° Off-Nadir
RF Power Handling	5W CW Typ.
Electro-Static Discharge	Integrated ESDPin
Footprint	85mm x 85mm x 30mm
Mass	77g
Temperature	-40°C~+80°C

Frequency [Mhz]	AR@Nadir [dB]	AR@+45° [dB]	AR@+60° [dB]	AR@+80° [dB]
1518	1.9	2.4	3.0	2.6
1591	1.7	1.6	1.8	2.0
1675	1.8	2.2	2.7	3.1

Frequency[Mhz]	Gain@Nadir[dBiC]	HPBW[°]
1518	5.3	95-102
1591	5.2	92-101
1675	5.0	96-101

