

# C Band Patch Antenna

5850-6425MHz

- High gain
- Right-hand circular polarization
- Low VSWR
- Commercial Communications
- Security and Defence



**RF Parameters**

Frequency Range (MHz)	5850-6425
Gain (dBi)	7.0±1.5dBi
3dB Beamwidth (deg)	+/-30 min
Polarization	Right Hand Circular Polarization (RHCP)
VSWR	2.0:1 max
Impedance (Ω)	50 Ohms
RF Connector	SMA Female
Side lobes (dB)	11dB

**Environmental**

Operating Temperature	-20°C to +70°C
Location	Indoor and Outdoor

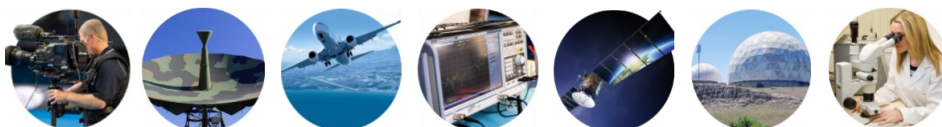
**Mechanical**

Dimensions (mm)	46 x 46 x 20
Weight (Kg)	0.06

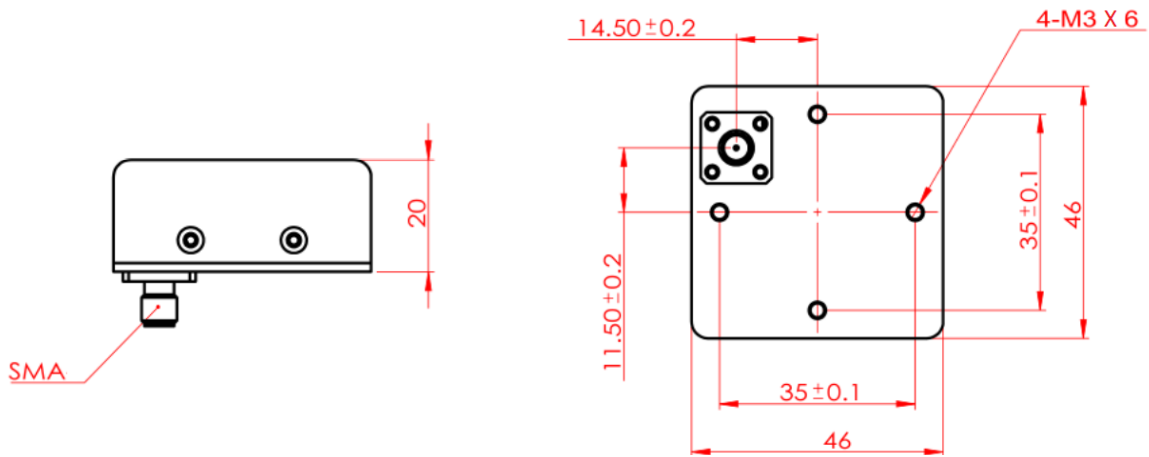
Note 1: The specification provided is at nominal bias voltage and at 25°C unless otherwise specified.

Note 2: The specification is subject to regular reviews and will be updated from time to time as part of our continuing product development and improved spec accuracy.

Note 3: Operation beyond the quoted limits stated above may cause instantaneous and permanent damage.



**Outline Drawing:**  
All dimensions are in mm



**Typical RF Performance**

**Pattern**

