

Product: GPSCP-15-15-2

Product Order Code:

BM-02694

GPS Dielectric Antenna Element

GPS, Galileo, QZSS

- GPS Passive Ceramic Patch Antenna
- RoHS 2011/65/EU & RoHS3 (2015/863/EU compliant)
- Request samples for test & evaluation via enquiry@bloomice.com



Technical Data

Dimensions	15mm x 15mm x 2mm (D)
Weight	11g
Construction Materials	Ceramic
Mounting Arrangement	3M Self Adhesive Pad
Temperature Range	-40 to +85 Degree C
Typical Sheer Force Test	50Kgf (IEC62137-1-2-2007)
Frequency (Nominal)	GPS, GALILEO, QZSS: 1575.42 MHz (+/- 5MHz)
Impedance	50 Ohm
Polarisation	RHCP
Radiation Pattern	Hemispherical
Gain Coverage	>-4dBi at 90 Degree <0 <+90°(over 75% Volume)
Return loss (VSWR)	<1.5:1 (@ 1575.42MHz)
Bandwidth	15MHz
Peak Gain	>4dBi (Based on 70mm x 70mm Ground Plane)
Power Handling	1W
Relative Humidity	95%-100%
Test & Measurement Conditions	Mounted on a 70mm x 70mm Ground Plane With Self Adhesive Strip

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CAD Data

