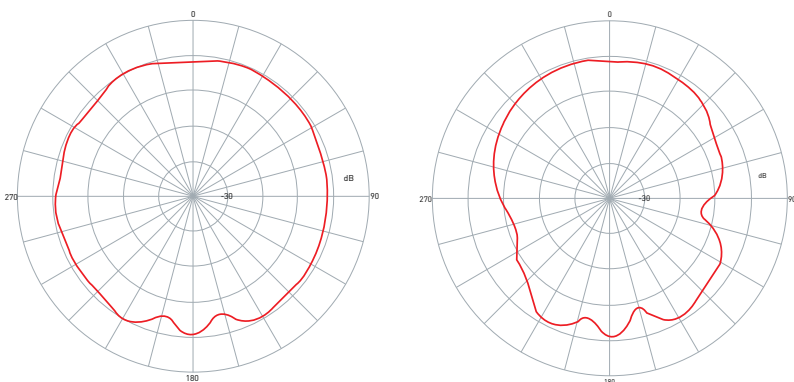


TECHNICAL DRAWINGS

| | |
|-----------------------------------|--------------------------------------|
| Frequency | 1575.42MHz (+/- 1.023MHz) |
| Centre Frequency | 1575MHz (+/- 3MHz) |
| Bandwidth @ 10dB Return Loss | >4MHz |
| Impedance | 50Ω |
| Gain at 10° Elevation | - 4.0dBic (typ.) |
| Gain @ Zenith | + 2dBic (typ.) |
| Polarisation | RHCP |
| Axial Ratio (mm GP) | 3dB (max.) |
| Ground Plane | Electrical data based on 27mm x 27mm |
| VSWR | 1.5 Maximum |
| Frequency Temperature Coefficient | + / - 20 PPM / °c |
| Operational Temperature | -40°c to +85°c |

TECHNICAL SPECIFICATION



RADIATION PATTERN



PRODUCT PICTURES

The bloomice GPSCP-12-12-4 Ceramic Patch is a ROHS compliant halogen free 12mm x 12mm x 4mm antenna mounted and secured with a single pin and a two sided self adhesive fixing patch.

The bloomice GPSCP-12-12-4 has a compact 12mm x 12mm footprint and 4mm depth making it an ideal choice for embedding within any stationary GPS device or for coupling with an external LNA.

Our technical team are able to tune the GPSCP-12-12-4 patch to suit specific custom environments (please contact us for more information).

The superb performance characteristics of the bloomice GPSCP-12-12-4 Ceramic Patch antenna make it an ideal choice for many embedded and M2M applications where guaranteed reliability is essential.

PRODUCT FEATURES