**Datasheet**

**Product Name:** GPS Antenna

**Part Number:** F001015

**Picture:**

**Technical Specification:**

|  |  |
| --- | --- |
| **Electrical performance parameters** |  |
| **Antenna** |  |
| Frequency Range | 1575.42MHz±3MHz |
| Band Width | CF±5MHz |
| V.S.W.R | ＜1.5 |
| Polarization Type | RHCP |
| Gain | 2dBic(Zenith) |
| Impedance | 50Ώ |
| Axial Ratio | 3dB(max) |
| Dimension | 25\*25\*4mm |
| **LAN** |  |
| Gain | 28±2 dB Typical |
| Noise Figure | <1.5dB |
| DC Voltage | 2.2-5.0V |
| DC current | 5-15mA |
| V.S.W.R | ＜2.0 |
| **Mechanical** |  |
| Housing | Black |
| Cable | RG174 |
| Length | 3M(Can be customized) |
| Connector | SMA Male(Can be customized) |
| Antenna Radome Material | ABS |
| Mount way | Magnetic/Adhesive |
| **Environmental** |  |
| Dimensions | 49x39x15mm |
| Weight | 60g |
| Operating Temperature | -40℃~+80℃ |
| Humidity | UP to 95% |
| Waterproof | IP65-67 |
| RoHS Compliant | YES |