

# Product Specification

Number: L-KLS1-GPS10-0103000

Name: GPS Antenna

Customer: \_\_\_\_\_

Date: 2026-01-30



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|       |        |        |         |
|-------|--------|--------|---------|
| Compi | Check  | Review | Approva |
| Jenny | Jack.C |        |         |



|             |                      |         |            |
|-------------|----------------------|---------|------------|
| Part name   | GPS Antenna          | Date    | 2026-01-30 |
| Part number | L-KLS1-GPS10-0103000 | Edition | V1         |
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# GPS ANTENNA



| Electrical Specifications |                                                |
|---------------------------|------------------------------------------------|
| Frequency Range           | 1575.42MHz±5MHz                                |
| Gain                      | ≥28dB                                          |
| Polarization              | RHCP                                           |
| VSWR                      | ≤1.5                                           |
| Noise Factor              | ≤1.5                                           |
| Out of band attenuation   | ≥40dB@fo-100MHz(DC5V)<br>≥28dB@fo+100MHz(DC5V) |
| Power                     | DC3-5V                                         |
| Fixed Method              | Magnet                                         |
| Input Connector           | SMA-Male (Optional)                            |
| Cable type                | RG-174                                         |
| Mechanical Specifications |                                                |
| Dimensions of Antenna     | 46mm×39mm                                      |
| Cable length              | 5m (Optional)                                  |
| Electrical Specifications |                                                |
| Weight                    | 90g                                            |
| Working Temperature       | -40~+85℃                                       |