

Item no.: A-GPS-0001-V1

## A-GPS-0001-V1 - Poynting A-GPS-0001-V1 - GPS/Glonass positioning antenna L1 & L2

from **58,55 EUR**

Item no.: A-GPS-0001-V1  
 shipping weight: 0.20 kg  
 Manufacturer: Poynting



### Product Description

Poynting A-GPS-0001-V1 - GPS/Glonass Positioning Antenna L1 & L2 This GPS/Glonass antenna is a high performance active antenna module that operates down to -40°C. It covers the GPS L1 and L2 frequencies at 1250 and 1600 MHz respectively, as well as the Glonass frequency of 1602 MHz. This antenna is equipped with a 0.5 m cable connected to an SMA connector (m). Features- Waterproof housing- Lightweight- Groundplane independent- Easy installation- Robust- Foam cell filled- Application areas Urban and rural areas- Vehicle mounting applications- Location based- Remote monitoring- Timing for base stations and substations of power utilities- Vehicle fleet tracking- M2M/IoT- Telematics- Military applications

Electronic specifications- Frequency range L1: 1565-1610 MHz- Frequency range L2: 1217-1250 MHz- Gain (max): 21 +/-2 dBi- VSWR: <1.5; 1- DC voltage: 2.7 - 3.3 V- DC current: 5 - 15 mA- Noise figure: ? 1.5 dB- Nominal impedance: 50 Ohm- Polarisation: RHCP- Filter out-of-band attenuation: 12 dB min. f0 +50 MHz; 16 dB min. f0 -50 MHz- Cable: 0.5 m 1.13 coaxial cable- Connection: SMA (m)- Voltage: 2.7 - 3.3 V- Max. Power: 50 W Environmental specifications- Wind resistance: 160 km/h- Temperature range (operation): -40°C to +80°C- Ambient conditions: Outdoor- Operating humidity: Up to 98%- Storage humidity: 10 to 95% non-condensing- Storage temperature: -45°C to +85°C Mechanical specifications- Product dimensions (L x W x D): 25 x 25 x 6.7 mm- Weight: 0.164 kg- Package weight: 0.167 kg- Radome material: ABS (halogen-free)- Radome colour: Pantone - Black; RAL - Black Certification approvals and standards- Flammability class: UL 94-V0; EN 13823- Water protection degree/standard: IP 67 (NEMA 6)- Impact resistance: IK 08- Salt spray: MIL-STD 810F/ASTM B117- Product safety: Complies with UL, CE, EN, CSA and IEC standards

### Specifications

Scan this QR code to  
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 All details, up-to-date  
 prices and availability

