Antenna for GNSS Multiband with cable (OEM)

Includes:
- RTK dualband GNSS antenna with 25cm cable with SMA connector

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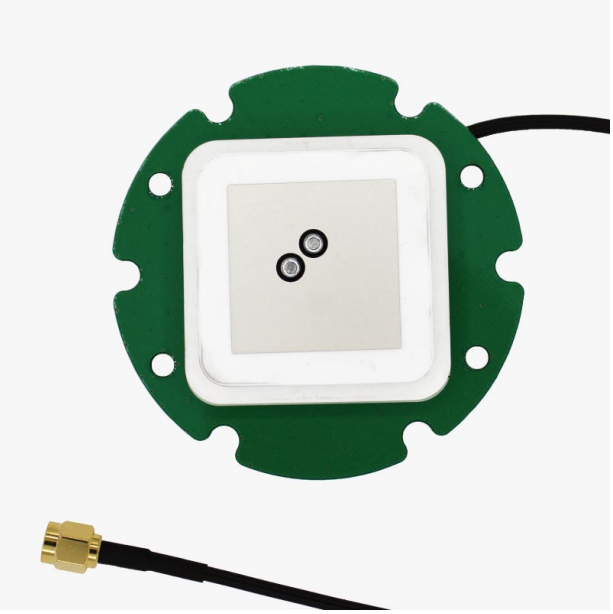
More info about the product!



Antenna for GNSS Multiband with cable (OEM) SKU is: AS-ANT2B-OEM-L1L2-02SMA-00

Get a discounted bulk price on this product for orders of 50 units or more. Contact us at info@ardusimple.com to get a quote.

Description

External dual band L1/L2/E5b/B2I GNSS active antenna (OEM version), with a weight of only 78grams. Ideal for integrating into your own plastic enclosure.

Check our antenna performance comparison: Ardusimple's OEM antenna vs u-blox ANN-MB & Tallysman TW3865

Good to know:
- Compatible with all simpleRTK2B boards as well as any other multiband GNSS receiver in the market.
- Bulk pricing starting 50 units

Specifications

OEM antenna
Antenna element

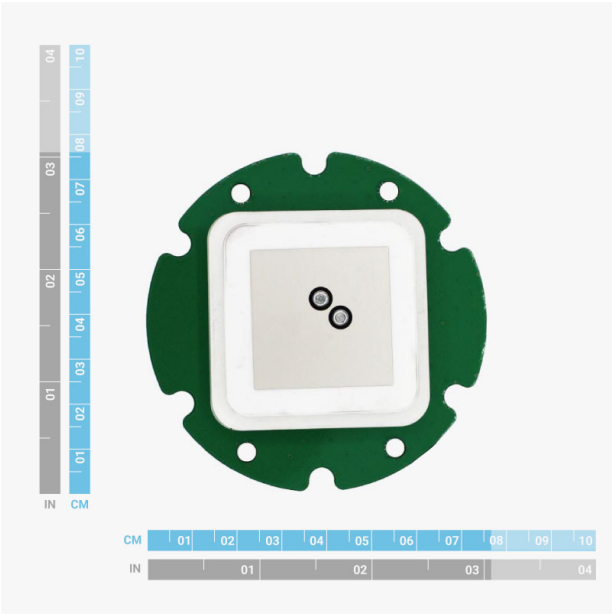
- Supported positioning signal bands:
  - GPS: L1, L2
  - GLONASS: G1, G2
  - BeiDou: B1, B2
  - Galileo: E1, E5b
  - QZSS: L1, L2
  - SBAS: WAAS, EGNOS, MSAS and GAGAN
- Polarization: RHCP
- Peak gain: 2.5dBi
- Axial Ratio @ zenith: <3dB
- Azimuth Coverage: 360 degrees
- Impedance: 50 ohm

Electrical
- Supply voltage: 2.5-5.5V
- Typical supply current @ 3V: 20mA
- Average LNA gain: 25dB
- Maximum Noise Figure: 2.6dB
- Maximum VSWR: 2

Mechanical
- Maximum length: 76mm
- Weight: 78g
- Mounting style: 4x4.2mm holes
- Cable length: 20cm
- Connector: SMA male

Environmental
- Operating Temperature: -30 to +85°C
- Storage Temperature: -40 to +85°C
- IP Rating: N/A
- RoHS: Yes

Image Gallery



Documentation

User Guide	https://staging.ardusimple.com/gps-gnss-antenna-installation-guide/
Download CAD model	https://staging.ardusimple.com/wp-content/uploads/3D_CAD/AS-ANT2B-OEM-L1L2-02SMA-00-R00.STEP

Antenna for GNSS Multiband with cable (OEM) includes free basic technical support. Contact info@ardusimple.com for more information.
Data and descriptions in this document are subject to change without notice. Product photos and pictures are for illustration purposes only and may differ from the real product appearance.