

OEM Survey Tripleband GNSS Antenna

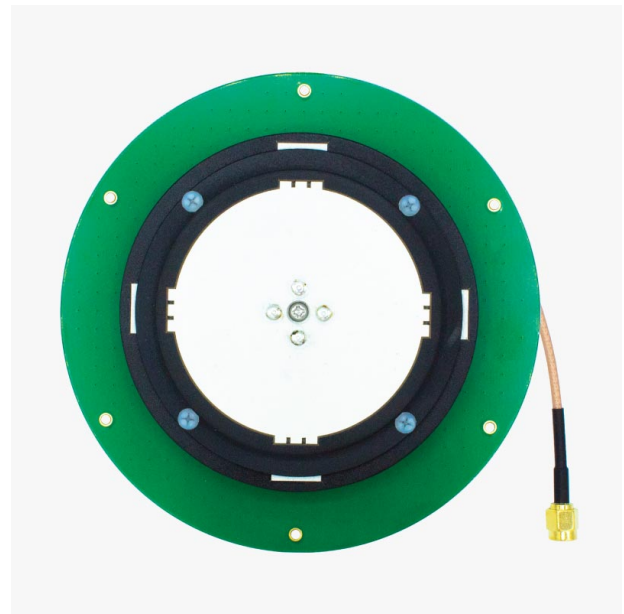
Includes:

- RTK tripleband GNSS antenna with 20cm cable with SMA male connector

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More info about the product!



OEM Survey Tripleband GNSS Antenna SKU is: AS-ANT3B-OEMSUR-L1L2L5-02SMA-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

OEM Survey tripleband GNSS antenna receiving L1/L2/L5 in OEM format for integrators, with 20cm cable terminated in SMA male connector.

Good to know:

- Compatible with all simpleRTK2B and simpleRTK3B boards as well as any other multiband GNSS receiver in the market.
- Bulk pricing starting 50 units

AS-ANT3B-OEMSUR-L1L2L5-02SMA-00

Specifications

OEM Survey antenna

Antenna element

- Supported positioning signal bands:
 - GPS: L1, L2, L5
 - GLONASS: G1, G2, G3
 - BeiDou: B1, B2, B3
 - Galileo: E1, E5, E6
 - QZSS: L1, L2
 - Navic: L5
 - SBAS: WAAS, EGNOS, MSAS, GAGAN and SouthPAN
- Polarization: RHCP
- Peak gain: 5dBi
- Axial Ratio @ zenith: <3dB
- Azimuth Coverage: 360 degrees
- Impedance: 50 ohm
- Phase center error: ± 3 mm

Electrical

- Supply voltage: 3-5.5V
- Typical supply current @ 3V: 50mA
- Average LNA gain: 40dB
- Maximum Noise Figure: 1.5dB
- Maximum VSWR: 2

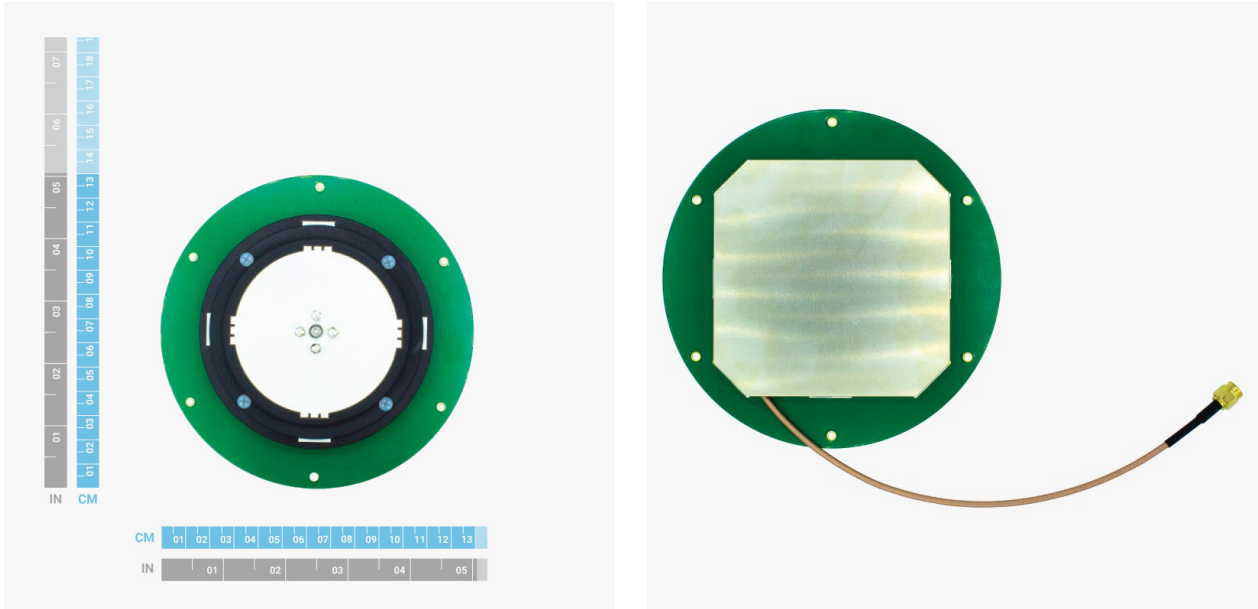
Mechanical

- Maximum length: 130mm
- Weight: 250g
- Mounting style: 6x3.2mm holes
- Connector: SMA Male
- Cable length: 20cm

Environmental

- Operating Temperature: -40 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-ANT3B-OEM-L125-02SMA-00-R00.STEP

OEM Survey Tripleband GNSS Antenna 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.