u-blox GNSS Multiband antenna ANN-MB-00 (IP67)

Includes:
- RTK dualband external GNSS antenna with 5m cable with SMA connector

More info about the product!

u-blox GNSS Multiband antenna ANN-MB-00 (IP67) SKU is: AS-ANT2B-ANN-L1L2-50SMA-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.

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Description

u-blox ANN-MB-00 dual band (L1, L2/E5b/B2I) active GNSS antenna with excellent price performance ratio and IP67 protection. Supports GPS, GLONASS, Galileo, and BeiDou. Perfect match for u-blox ZED-F9P boards.

Good to know:
- Compatible with all simpleRTK2B boards as well as any other multiband GNSS receiver in the market.
- Available with custom cable length or different connector (Fakra, uFL, etc)
- Bulk pricing starting 50 units
- **This product has free shipping**

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Specifications

ANN-MB
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
- Frequency range:
    - 1559-1606 MHz
    - 1197-1249 MHz
- Polarization: RHCP
- Peak gain: 2.0dBi (without ground plane)
- Axial Ratio @ zenith: <3dB
- Azimuth Coverage: 360 degrees
- Impedance: 50 ohm

Electrical
- Supply voltage: 3-5V
- Typical supply current @ 3V: 15mA
- Average LNA gain: 28dB
- Maximum Noise Figure: 3.2dB
- Maximum VSWR: 2

Mechanical
- Maximum length: 82mm
- Weight: 173g
- Mounting style: magnetic base or 2x4.5mm holes
- Cable length: 5 meters
- Connector: SMA male

Environmental
- Operating Temperature: -40 to +85°C
- Storage Temperature: -40 to +85°C
- IP Rating: IP67
- RoHS: Yes

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Image Gallery

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Documentation

User Guide	https://www.ardusimple.com/gps-gnss-antenna-installation-guide/
Download CAD model	https://www.ardusimple.com/wp-content/uploads/3D_CAD/AS-ANT2B-ANN-L1L2-50SMA-00-R00.STEP

u-blox GNSS Multiband antenna ANN-MB-00 (IP67) 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.

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