

# L-band Magnetic Patch Antenna (IP65)

Includes:

- L-band external antenna with 3m cable and SMA Male connector



More info about the product!



L-band Magnetic Patch Antenna (IP65) SKU is: AS-ANT-MAGLB-L6-30SMA-00

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

## Description

External L-band antenna with cover and IP65 protection.

Good to know:

- Compatible with u-blox NEO-D9S and u-blox NEO-D9C. Also compatible with other L-band receivers in the market.
- For optimum performance place on top of a metallic surface with minimum 150 mm diameter.

## Specifications

### Magnetic L-band

#### Antenna element

- Supported correction signal bands:
  - L-band (PointPerfect, for others contact us)
- Frequency range:
  - 1525-1559 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: 27dB
- Maximum Noise Figure: 2.0dB
- Maximum VSWR: 2

#### Mechanical

- Maximum length: 37.5mm
- Weight: 67g
- Mounting style: magnetic base
- Cable length: 3 meters
- Connector: SMA male

#### Environmental

- Operating Temperature: -40 to +85°C
- Storage Temperature: -40 to +85°C
- IP Rating: IP65
- RoHS: Yes

## Image Gallery



## Documentation

User Guide    <https://www.ardusimple.com/gps-gnss-antenna-installation-guide/>

L-band Magnetic Patch Antenna (IP65) includes free basic technical support. Contact [info@ardusimple.com](mailto:info@ardusimple.com) for more information.

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