

# Antenna MAX S

Integrated Antenna Enclosure for Peplink and Starlink



## FAQ

Is the Antenna MAX S suitable for me?

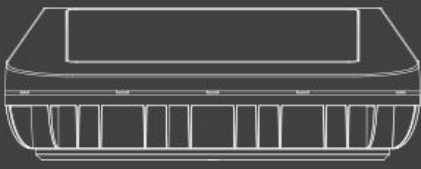
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# FAQ - Antenna MAX S

## Is the Antenna MAX S suitable for me?



### What is the Antenna MAX S?

The Antenna MAX S is a rugged, all-in-one enclosure that lets you combine a Peplink router with a Starlink Mini in one weatherproof box. It already has built-in antennas for 5G/LTE, Wi-Fi, and GPS, so you don't need extra cables or separate antennas. That means no extra antennas, fewer cables, and a much easier setup - with the best possible signal.



### Which Peplink devices are compatible with the Antenna MAX S?

The following Peplink devices are compatible with the Antenna MAX S:

- BR1 Mini
- BR1 Mini Core
- BR1 Mini 5G
- BR1 Mini M2M
- Transit Duo Pro
- BR1 Pro 5G
- BR1 Pro (CAT-20)

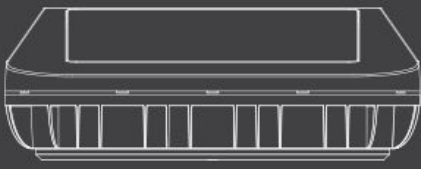
In addition, several legacy Peplink devices can also be fitted to the Antenna MAX S, including:

- Transit 5G
- Transit
- Transit Duo
- Transit Core

**Important note:** Since the Antenna MAX S has only one power input, the method of powering both the Starlink Mini and Peplink device depends on your setup:

When using PoE input: a PoE splitter is required to provide separate power to both the Starlink Mini and the Peplink device.

When using DC input: a wire connector can be used to split the DC input between the Starlink Mini and the Peplink device. When powering from a 12V source, it is recommended to use a DC/DC converter to step the voltage up to 24V.



# FAQ - Antenna MAX S



## Why should I choose the Antenna MAX S over traditional antenna solutions?

The Antenna MAX S is engineered for maximum performance and convenience:

- Houses both a compatible Peplink router and Starlink Mini
- Virtually eliminates signal loss by keeping short RF cables
- Reduces installation time and footprint
- Perfectly suited for a wide range of deployments, whether mobile or fixed

## Using the Antenna MAX S



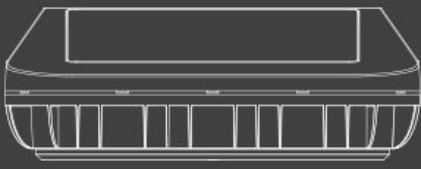
## What are the mounting options for the Antenna MAX S?

The Antenna MAX S can be easily mounted on mobile equipment and vehicles such as trucks, vans, boats, or other outdoor environments.

- Deck Mount (using Peplink Premium Deck Mounts\*):
  - Configuration: ACW-653A (attached to Antenna MAX S) → ACW-651 (middle section) → ACW-653A (attached to fixed surface)  
*More details about deck mounting can be found [here](#).*
- Pole Mount with the L-mount set
- Surface Mount with the double-sided 3M adhesive pad

*Note: The Antenna MAX S includes M6 threaded holes at its base. These fixation points provide flexibility for mounting, such as securing the antenna to a roof rack system on a vehicle, or adapting it to other mounting solutions with a suitable bracket or plate.*

*\*Peplink Premium Deck Mounts are not included in the package contents.*



# FAQ - Antenna MAX S



## What is the maximum cable length for the Antenna MAX S?

If you power the unit via PoE, you can run up to 100 meters of Ethernet cable. If using DC power instead, be sure to calculate voltage drop and choose a cable thickness that ensures sufficient voltage at the device.



## Can I use the Antenna MAX S as a standalone device?

No. The Antenna MAX S is neither a router nor a traditional antenna like the Mobility or Maritime antenna series. It is designed to house selected Peplink routers together with a Starlink Mini, enabling a bundled solution that combines cellular and satellite connectivity.



## What connectors are used for the Antenna MAX S?

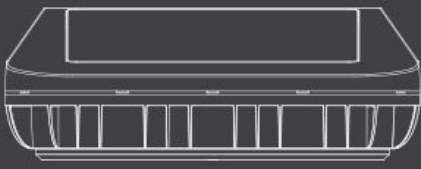
- SMA male for Cellular and GPS
- RP-SMA male for Wi-Fi



## What is the environmental compliance of the Antenna MAX S?

The Antenna MAX S is a robust device built to withstand harsh environmental conditions. Key compliance and durability features include:

- **IP67 Rating:** Complete protection against dust ingress and immersion in water up to 1 meter for 30 minutes
- **Wide Operating Temperature Range:** Operates effectively from -40°C to 80°C (-40°F to 176°F)
- **Environmental Standards Compliance:**
  - **RoHS:** Restricts use of hazardous materials in electronics
  - **REACH:** Addresses safe use of chemical substances
  - **WEEE:** Ensures proper disposal and recycling of electronic waste
- **Enclosure Flammability:** Rated UL 94 V-0 at 1.47 mm thickness (self-extinguishes within 10 seconds without dripping)
- **UV Resistance:** Rated under UL 746C (F1, long-term UV exposure)
- **Salt Spray Resistance:** Compliant with MIL-STD 810F and ASTM B117 for durability in corrosive environments



# FAQ - Antenna MAX S

## What is included with the Antenna MAX S?



### What is included in the Antenna MAX S package?

The package includes:

- Antenna MAX S
- L-mount set
- Power supply / splitter mounting set
- Router fixation screws
- Multiple glands for various scenarios (Ethernet, DC power, cable glands)
- Starlink power and Ethernet cables
- Double-sided 3M adhesive pad
- Ethernet cable
- DC cable for Peplink routers



### Is a warranty included with the Antenna MAX S?

Yes, the Antenna MAX S comes with a 1-year warranty.