

# Antenna MAX Duo

Twice the Connectivity. One Seamless Enclosure.



## FAQ

Is the Antenna MAX Duo suitable for me?

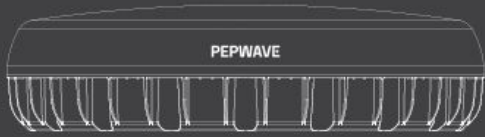
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# FAQ - Antenna MAX Duo

## Is the Antenna MAX Duo suitable for me?



### What is the Antenna MAX Duo?

The Antenna MAX Duo is an advanced antenna enclosure designed to house dual-modem solutions within a single IP67-rated housing. It integrates 8x 5G/LTE, 2x Wi-Fi, and GPS antenna elements, eliminating the need for long RF cables and minimizing signal loss. With the use of the Splitter MAX, both power and data are delivered via a single Ethernet cable, simplifying installation and reducing clutter.



### What devices are compatible with the Antenna MAX Duo?

Compatible devices include:

- BR2 Pro
- 2x BR1 Pro 5G
- BR1 Mini 5G + BR1 Pro 5G

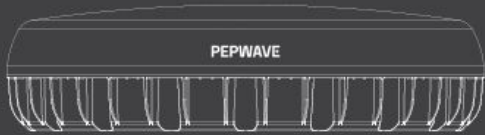
For deployments with two routers, the Splitter MAX is required to distribute both power and data.



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

The Antenna MAX Duo offers:

- **Dual single-modem router housing** for seamless integration of two devices in one enclosure
- **Maximum signal gain** up to 8.1 dBi for 5G/LTE and 7.4 dBi for Wi-Fi by removing RF cabling
- **Simplified cabling** with one Ethernet cable providing both data and PoE up to 100 meters
- **Synergy Mode** to simplify the management of bonding solutions between two housed routers for resilient connectivity



# FAQ - Antenna MAX Duo

## Using the Antenna MAX Duo



### What are the mount options for the Antenna MAX Duo?

The Antenna MAX Duo is highly versatile for maritime, vehicular, or fixed-site deployments. Mounting options include:

- Pole mount (vertical or horizontal)
- 3rd-party maritime VSAT dome mounts (not included)
- Surface mount

Note: The Antenna MAX Duo includes 4x M8 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.



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

Since RF cabling is eliminated, only Ethernet cabling is used. The Ethernet cable can extend up to 100 meters, enabling flexible installation.



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

No. Like the Antenna MAX, the Duo is not a router itself. It is designed to house and enhance the performance of compatible Peplink routers.



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

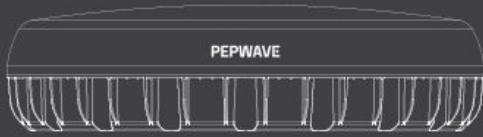
- SMA male for Cellular and GPS
- RP-SMA male for Wi-Fi



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

The enclosure is built for **harsh environments**:

- **IP67-rated** waterproof and dustproof
- **Operating temperature:** -40°C to 80°C (-40°F to 176°F)
- **UV resistance:** UL 746C (F1 rated)
- **Salt spray protection:** MIL-STD 810F / ASTM B117 compliant
- **Flammability:** UL 94 V-0 at 1.47 mm thickness



# FAQ - Antenna MAX Duo

## What is included with the Antenna MAX Duo?



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

The package includes the following:

- Antenna MAX Duo enclosure
- L-Mount set and hardware
- Router fixation screws
- Rubber supports (5x TNF-19, 3x TF-039)
- 3x RJ45 glands
- 2x RJ45 caps
- Double-sided 3M adhesive pad
- 2x Ethernet cables (250 mm & 380 mm)



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

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



### Are there any recommendations for installing the Antenna MAX Duo?

Yes, our [datasheet](#) provides some installation recommendations.