

Mobility 82G



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Is the Mobility 82G suitable for me?



For what application is this product best for?

The Mobility 82G is a 5G-ready outdoor antenna equipped with a robust design, making it well suited for applications like transportation, outdoor environments, and mission-critical connectivity.



Why should I choose the Mobility 82G instead of other antennas?

Compared to other antennas, the Mobility 82G has the highest antenna gain. It features an 8x8 MIMO mobile and a 2x2 MIMO Wi-Fi antenna. It also provides a wider frequency range (600-6000MHz) as well as LTE and 5G support. As an omni-directional antenna, it can work in all directions and can function without a ground plane. This increases deployment possibilities.



Will the Mobility 82G work as an omni-directional antenna for dual Wi-Fi radio routers?

Yes. The Mobility 82G supports up to 8 LTE/5G antennas, 2 Wi-Fi antennas, and a GPS antenna; it can work as an omni-directional antenna for dual-band Wi-Fi (2.4GHz and 5GHz) radio routers.



Which Peplink router is recommended to use with the Mobility 82G?

As the Mobility 82G is equipped with 8 LTE/5G antennas and 2 Wi-Fi antennas, we suggest pairing a single Mobility 82G antenna with the BR2 Pro, MAX HD4, or a MAX HD4 MBX (CAT-12). Dual Mobility 82G antennas work well with the HD4 MBX 5G.



FAQ - Mobility 82G

From Puma to Mobility



Why has the Puma Antenna become the Mobility Antenna?

The Puma Antenna has been engineered specifically towards mobile applications, although it can cater to various verticals. In order to align our product names for future antennas, we have decided to revise them all to reflect the relevant verticals.



Are there any specification differences?

No, the specifications are exactly the same. The only difference is the SKU and name.

What is included with the Mobility 82G?



What's in the box?

Along with the antenna, there is a long and short thread and a double-sided 3M adhesive pad.



Is a warranty included with this product?

Yes, the Mobility 82G comes with a 1-year warranty.



I noticed that there are 2 product codes for Mobility 82G, which one should I take?

There are 2 different product codes for the Mobility 82G:

- ANT-MB-82G-S-W-6
- ANT-MB-82G-Q-W-6

The main difference is in the third-last characters. The character is the radio frequency connector, where two options are available: Q represents QMA Male and S represents SMA Male.



FAQ - Mobility 82G



What can I do if I need a connection cable that is longer than 6.5 feet?

You can purchase our extension cable for the Mobility 82G. The length of the extension cable is 15 feet (4.5 meters).



What is the difference between QMA and SMA antenna connectors?

QMA connectors are designed as snap-on locking replacements for the standard SMA connectors. In the case of an extension, QMA connectors can be installed about 10 times quicker than SMA connectors. Also, QMA connectors can rotate 360 degrees once installed.

Using the Mobility 82G



Are there any recommendations for installing the Mobility 82G?

Yes. Our [datasheet](#) has some installation recommendations for situations like surface mounts, magnetic mounts, panels (through hole)...etc.



Is the Mobility 82G a correct choice for outdoor applications?

Yes. The Mobility 82G has an IP67 Ingress Protection rating against both dust and water. The Mobility 82G's enclosure is made of UV-stable plastic, protecting it from long-term degradation. Click [here](#) to learn more about the robust design of the Mobility 82G.



FAQ - Mobility 82G

Accessories



Are there any mounting accessories for the Mobility 82G?

Yes. We have maritime-grade mounting accessories for the Mobility 82G. Click [here](#) to learn more about our premium deck mounts for the Mobility 82G.

What can I do if I need support?



Does Peplink offer support for this product? What if I have difficulties setting it up?

First, Peplink Partners have an obligation to support the products they sell so we recommend first reaching out to the place of purchase.

Also, Peplink has a very active [forum](#) regularly patrolled by Peplink partners, Peplink employees, and many knowledgeable users; all ready to answer your question. In the unlikely event of a suspected hardware or firmware issue, you can enter a [support ticket](#) with Peplink directly.