

Peplink Mobility 02 (Puma 020-R-B-6), 2xWiFi, 2400-6000MHz, IP68, RP-SMA, White, 6.5 ft / 2.0m

SKU: ANT-MB-02-R-W-6
 MPN: PUMA-020-R-B-6

Description

The Peplink Mobility 02, also known as the Puma 020-R-B-6, is a robust dual-band WiFi antenna designed to enhance wireless connectivity across a broad range of environments. Operating within the 2400-6000 MHz frequency range, it supports 2x2 MIMO technology, making it ideal for applications requiring stable and high-speed internet access, such as in mobile, industrial, and outdoor settings. Its IP68 rating ensures it is dust-tight and protected against prolonged submersion, making it highly durable and suitable for harsh weather conditions.


Crafted from ABS plastic, this antenna is built to withstand extreme temperatures, ranging from -40°C to 80°C, ensuring reliable performance in diverse climates. The Peplink Mobility 02 features RP-SMA connectors and is designed for easy integration with existing systems, offering a maximum input power of 10 W and a linear polarisation for optimal signal reception. Its compact dimensions make it a...

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RF Specification

WiFi

| | | | | |
|--|--|----------|------------------|--------|
|  Start Frequency: Stop Frequency: | Peplink | 2400 MHz | Polarisation: | Linear |
| Stop Frequency: | Peplink makes connectivity reliable. Peplink's ecosystem, SpeedFusion technology and SD-WAN routers have been deployed around the world, helping thousands of customers from many industries increase bandwidth, enhance Internet reliability, reduce connectivity cost, or enable new deployment possibilities. | 6000 MHz | Input Impedance: | 50 |
| Max. Input Power: | Founded by Alex Chan in Hong Kong in 2006, today Peplink is based in Mountain View, California. | 10 W | | |

RF Connectors

| Ports | RF Interface | Body Shape | Length |
|-------|--------------|------------|---------|
| 1 | RP-SMA Male | Straight | 2000 mm |
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Frequency Test Data

| Start Freq. | Stop Freq. | Peak Gain | VSWR |
|-------------|------------|-----------|-------|
| 2400 MHz | 2500 MHz | 6.2 dBi | < 2:1 |
| 4900 MHz | 6000 MHz | 7.3 dBi | < 2:1 |

Physical Specification

| | | | |
|-----------------------------|--------------------|----------------------------|------------------------------------|
| Subtype: | Fin / Stud / Combo | Dimensions: | 1.42 in. / 36mm x 5.12 in. / 130mm |
| Input Ports: | 2 | Ingress Protection: | IP68 |
| MIMO: | 2x2 MIMO | Materials: | ABS Plastic |
| Min. Operating Temperature: | -40 °C | Compliance/Certifications: | RoHS |
| Max. Operating Temperature: | 80 °C | | |

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