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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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Peplink

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.

Founded by Alex Chan in Hong Kong in 2006, today Peplink is based in Mountain View, California.

RF Specification

WiFi

Start Frequency
2400 MHz
Stop Frequency
6000 MHz
Max. Input Power
10 W
Polarisation
Linear
Input Impedance
50 Ω
RF Connectors

Ports	RF Interface	Body Shape	Length
1	RP-SMA Male	Straight	2000 mm
1	RP-SMA Male	Straight	2000 mm

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

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