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

SKU
ANT-MB-02-R-B-6
MPN
ANT-MB-02-R-W-6

Description

The Peplink Mobility 02 (Puma 020-R-W-6) is a robust, dual-band antenna designed to enhance wireless connectivity in challenging environments. Operating across a broad frequency range of 2400-6000 MHz, it is ideal for applications requiring reliable and high-performance Wi-Fi connections, such as mobile networks, remote monitoring systems, and vehicular communications. The antenna supports 2x2 MIMO technology, enhancing data throughput and signal stability, making it suitable for high-demand tasks in both urban and rural settings.

Constructed with durable materials like ABS plastic and polycarbonate, the Mobility 02 offers excellent resistance to environmental factors, underscored by its IP68 rating, which ensures complete protection against dust and water ingress. This durability makes it perfect for outdoor installations where harsh weather conditions are a concern. The RP-SMA connectors facilitate straightforward integration with 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

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	Cable Series	Length
1	RP-SMA Male	Straight	L-200	2000 mm
1	RP-SMA Male	Straight	L-200	2000 mm

Frequency Test Data

Start Freq.	Stop Freq.	Peak Gain	VSWR
2400 MHz	2500 MHz	6.2 dBi	< 2:1

Start Freq.	Stop Freq.	Peak Gain	VSWR
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 (Height); 5.12 in. / 130mm (Diameter)
Ingress Protection
IP68
Materials
ABS Plastic, Polycarbonate (PC)
Compliance/Certifications
RoHS
Mechanical Compliance
IEC 60529: IP Code

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