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Peplink Mobility 02 (Puma 020), 2xWiFi, 2400-6000MHz, IP68, QMA, Black, 1 ft / 0.3m

SKU
PUMA-020-Q-B-1
MPN
PUMA-020-Q-B-1

Description

The Peplink Mobility 02 (Puma 020) is a robust wireless antenna designed for demanding environments. Operating within the frequency range of 2400-6000 MHz, it supports dual-band WiFi connectivity, making it ideal for applications requiring reliable and high-speed internet access in both urban and remote locations. Its 2x2 MIMO technology enhances data transmission and reception, ensuring optimal performance for mobile and stationary devices. This antenna is IP68 rated, indicating exceptional resistance to dust and water, which is critical for outdoor installations or harsh weather conditions. Its construction from polycarbonate and ABS plastic ensures durability, complemented by MIL-STD-810 environmental durability compliance, making it suitable for military and industrial use.

The antenna's versatile mounting options, including stud, bulkhead, panel, and pole mounting, allow for flexible installation on various surfaces, whether on...

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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

Wi-Fi

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.	VSWR	Azimuth
2400 MHz	2500 MHz	< 2:1	360°
4900 MHz	6000 MHz	< 2:1	360°

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
Polycarbonate (PC), ABS Plastic
Mounting
Stud / Bulkhead / Panel, Wall / Vertical Surface, Pole 25 mm ⌀
Compliance/Certifications
RoHS
Mechanical Compliance
MIL-STD-810: Environmental Durability

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