

# 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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## RF Specification

### Wi-Fi



#### 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.

Start Frequency: 2400 MHz

Polarisation: Linear

Stop Frequency: 6000 MHz

Input Impedance: 50

Max. Input Power: 10 W

#### 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	Dimensions:	1.42 in. / 36mm (Height), 5.12 in. / 130mm (Diameter)
Input Ports:	2	Ingress Protection:	IP68
MIMO:	2x2 MIMO	Materials:	Polycarbonate (PC), ABS Plastic
Min. Operating Temperature:	-40 °C	Mounting:	Stud / Bulkhead / Panel, Wall / Vertical Surface, Pole 25 mm
Max. Operating Temperature:	80 °C	Compliance/Certifications:	RoHS
		Mechanical Compliance:	MIL-STD-810: Environmental Durability

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