

# 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

	<b>Peplink</b>	<b>Polarisation:</b>	<b>Linear</b>
<b>Start Frequency:</b>	<b>2400 MHz</b>	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.	
<b>Stop Frequency:</b>	<b>6000 MHz</b>	<b>Input Impedance:</b>	<b>50</b>
<b>Max. Input Power:</b>	<b>10 W</b>	Founded by Alex Chan in Hong Kong in 2006, today Peplink is based in Mountain View, California.	

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	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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