

Peplink Mobility 40G (Puma 401), 4xLTE/5G, 1xGPS, 600-6000MHz, IP68, N-type, Black, 6.5ft / 2m

SKU: PUMA-401-N-B-6
MPN: ANT-MB-40G-N-B-6

Description

The Peplink Mobility 40G (Puma 401) is a robust, high-performance antenna designed for seamless mobile connectivity in demanding environments. It supports 4x4 MIMO technology and is compatible with both LTE and 5G networks, making it ideal for applications requiring reliable and fast data transmission, such as in transportation or remote monitoring systems. Operating across a wide frequency range from 600 to 6000 MHz, this antenna ensures broad compatibility and optimal performance across different network bands.

Equipped with IP68-rated ingress protection, the Puma 401 is built to withstand harsh weather conditions, making it suitable for outdoor installations on vehicles or in industrial settings. Its UV-stable polycarbonate and ABS plastic housing ensures durability and long-term stability. Additionally, the built-in GPS functionality offers precise location tracking, enhancing applications in fleet management and navigation.

The...

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RF Specification

Start Frequency:	Peplink 617 MHz	Polarisation:	Linear
Stop Frequency:	6000 MHz	Input Impedance:	50
Max. Input Power:	10 W	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 Connectors

Ports	RF Interface	Body Shape	Length
1	N Male	Straight	2000 mm

Frequency Test Data

Start Freq.	Stop Freq.	Peak Gain	VSWR
617 MHz	960 MHz	0.3 dBi	< 2.5:1
1710 MHz	2700 MHz	5.1 dBi	< 2.5:1
3400 MHz	4200 MHz	5.8 dBi	< 2.5:1
4900 MHz	6000 MHz	7 dBi	< 2.5:1

GPS

Start Frequency:	1561 MHz	Input Impedance:	50
Stop Frequency:	1602 MHz		

Low Noise Amplifier (LNA)

LNA Gain:	28 dBic
Noise Figure:	≤ 1.5 dB

RF Connectors

Ports	RF Interface	Body Shape	Cable Series	Length
1	N Male	Straight	RG-174	2000 mm

Physical Specification

Subtype:	Fin / Stud / Combo	Dimensions:	36 x 130 (H x Dia)
Input Ports:	5	Ingress Protection:	IP68
MIMO:	4x4 MIMO	Materials:	Polycarbonate (PC), ABS Plastic
Min. Operating Temperature:	-40 °C	Compliance/Certifications:	RoHS
Max. Operating Temperature:	80 °C		

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