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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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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
617 MHz
Stop Frequency
6000 MHz
Max. Input Power
10 W
Polarisation
Linear
Input Impedance
50 Ω
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

Start Freq.	Stop Freq.	Peak Gain	VSWR
3400 MHz	4200 MHz	5.8 dBi	< 2.5:1
4900 MHz	6000 MHz	7 dBi	< 2.5:1

GPS

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

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
Input Ports
5
MIMO
4x4 MIMO
Min. Operating Temperature
-40 °C
Max. Operating Temperature
80 °C
Dimensions
36 x 130 (H x Dia)
Ingress Protection
IP68
Materials

Polycarbonate (PC), ABS Plastic
Compliance/Certifications
RoHS

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