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Peplink Mobility 40G (Puma 401), 4xLTE/5G, 1xGPS, IP68, SMA,Black,2m

SKU
ANT-MB-40G-S-B-6
MPN
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Description

The Peplink Mobility 40G (Puma 401) is a robust, high-performance antenna system designed for reliable 4G LTE and 5G connectivity, complemented by GPS capabilities. Engineered to withstand harsh environmental conditions, its IP68 rating ensures complete protection against dust and water, making it ideal for outdoor and mobile applications. The antenna supports a broad frequency range from 617 MHz to 6000 MHz, enabling seamless communication across various cellular bands. This versatility is essential for applications such as fleet tracking, remote monitoring, and mobile broadband, where stable and fast internet connectivity is crucial.

Equipped with 4x4 MIMO technology, the Mobility 40G enhances data throughput and signal reliability, which is vital in high-demand scenarios like live streaming, video conferencing, and real-time data transmission. Its durable ABS plastic construction and compliance with MIL-STD-810 standards affirm its...

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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

4xLTE/5G

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	Cable Series	Length
4	SMA Male	Straight	L-200	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
Stop Frequency
1602 MHz
Input Impedance
50 Ω
Polarisation
Right Hand Circular (RHCP)

Low Noise Amplifier (LNA)

LNA Gain
28 dBic
Noise Figure
≤ 1.5 dB
RF Connectors

Ports	RF Interface	Body Shape	Cable Series	Length
1	SMA 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
ABS Plastic
Compliance/Certifications
RoHS
Mechanical Compliance
MIL-STD-810: Environmental Durability

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