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Peplink Mobility 40G (Puma 401), 4 x LTE/5G, 1 x GPS, IP67, N-Type,White,2M

SKU
PUMA-401-N-W-6
MPN
PUMA-401-N-W-6

Description

The Peplink Mobility 40G (Puma 401) is a robust, high-performance antenna designed for enhanced cellular connectivity and GPS functionality. It supports both LTE and 5G networks, making it ideal for applications that require reliable and fast mobile data, such as fleet management, remote monitoring, and mobile broadcasting. The antenna features 4x4 MIMO technology, which optimises signal strength and data throughput, ensuring seamless communication even in challenging environments.

Its wide frequency range—from 617 MHz to 6000 MHz—enables compatibility with various cellular bands, providing flexibility for diverse network demands. Additionally, the integrated GPS antenna offers precise location tracking, crucial for navigation and location-based services. Constructed with durable materials like polycarbonate and ABS plastic, the Puma 401 is IP68 rated, providing excellent protection against dust and water ingress, making it suitable for...

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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

Cellular

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
4	N Male	Straight	2000 mm

Frequency Test Data

Start Freq.	Stop Freq.	Peak Gain

617 MHz	960 MHz	0.3 dBi
1710 MHz	2700 MHz	5.1 dBi
3400 MHz	4200 MHz	5.8 dBi
4900 MHz	6000 MHz	7 dBi

GPS

Start Frequency
1575.42 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
Power Consumption
< 8.5 mW
Max. Operating Voltage
3.3 V
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
1.42 x 5.12 (H x Dia)
Ingress Protection
IP68
Materials
Polycarbonate (PC), ABS Plastic
Compliance/Certifications
RoHS

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