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

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	Input Impedance:	50
Stop Frequency:	1602 MHz	Polarisation:	Right Hand Circular (RHCP)

Low Noise Amplifier (LNA)

LNA Gain:	28 dBic	Max. Operating Voltage:	3.3 V
Noise Figure:	≤ 1.5 dB		
Power Consumption:	< 8.5 mW		

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:	1.42 x 5.12 (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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