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Peplink Mobility 02 (Puma 020), 2xWiFi, 2400-6000MHz, IP68, QMA, White, 1 ft / 0.3m

SKU
PUMA-020-Q-W-1
MPN
PUMA-020-Q-W-1

Description

The Peplink Mobility 02 (Puma 020) is a robust dual-band Wi-Fi antenna designed to enhance wireless connectivity in various demanding environments. Utilising 2x2 MIMO technology, it operates across a wide frequency range of 2400-6000 MHz, making it suitable for a variety of applications including mobile, marine, and fixed installations. The antenna's IP68 rating signifies its exceptional resilience against dust and water ingress, ensuring reliable performance in extreme weather conditions. Constructed from durable polycarbonate and ABS plastic, the antenna withstands temperatures from -40 °C to 80 °C, maintaining functionality in harsh climates.

Its compact design allows for versatile mounting options on walls, vertical surfaces, or panels, making it ideal for deployment in vehicles such as RVs and boats, or in remote outdoor locations. The Peplink Mobility 02 features linear polarisation and a peak gain of up to 7.3 dBi, enhancing...

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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

Cable 1: Wi-Fi

Start Frequency
2400 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
1	RP-SMA Male	Straight	L-200	300 mm

Frequency Test Data

Start Freq.	Stop Freq.	Peak Gain	VSWR

2400 MHz	2500 MHz	6.2 dBi	< 2:1
4900 MHz	6000 MHz	7.3 dBi	< 2:1

Cable 2: Wi-Fi

Start Frequency
2400 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
1	RP-SMA Male	Straight	L-200	300 mm

Frequency Test Data

Start Freq.	Stop Freq.	Peak Gain	VSWR
2400 MHz	2500 MHz	6.2 dBi	< 2:1
4900 MHz	6000 MHz	7.3 dBi	< 2:1

Physical Specification

Subtype
Fin / Stud / Combo
Input Ports
2
MIMO
2x2 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

Mounting

Stud / Bulkhead / Panel, Wall / Vertical Surface

Compliance/Certifications

RoHS

Mechanical Compliance

IEC 60529: IP Code

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MIL-STD-810: Environmental Durability

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