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Peplink Maritime 10 2x2 MIMO 5G Ready Cellular Antenna System with GPS, 2xLTE/5G, 1xGPS ,600-4200MHz,IP68, N-Type, White

SKU
ANT-MR-10-N-W
MPN
ANT-MR-10-N-W

Description

The Peplink Maritime 10 2x2 MIMO 5G Ready Cellular Antenna System with GPS is designed for robust maritime communication solutions. Featuring dual LTE/5G capability and a GPS module, this antenna covers a wide frequency range of 600-4200 MHz, ensuring comprehensive connectivity for various maritime applications. Its construction from durable polycarbonate and IP68 rating make it ideal for harsh marine environments, withstanding temperatures from -40°C to 80°C.

The antenna's 2x2 MIMO configuration enhances data throughput and reliability, crucial for stable maritime operations. It supports linear polarisation with a 50 Ω impedance, handling up to 10 W of input power efficiently. The antenna delivers a consistent peak gain of 9.3 dBi across multiple frequency bands, maintaining optimal performance and coverage with a 360° azimuth beamwidth.

Peplink's commitment to quality is evident in this product’s RoHS compliance, ensuring...

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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

LTE/5G

Start Frequency
617 MHz
Stop Frequency
4200 MHz
Max. Input Power
10 W
Polarisation
Linear
Input Impedance
50 Ω
RF Connectors

Ports	Body Shape
1	Straight

Frequency Test Data

Start Freq.	Stop Freq.	Peak Gain	VSWR	Azimuth

617 MHz	960 MHz	9.3 dBi	< 2.8:1	360°
1710 MHz	2700 MHz	9.3 dBi	< 2.1:1	360°
3400 MHz	4200 MHz	9.3 dBi		360°

Physical Specification

Input Ports
1
MIMO
1x1 SISO
Min. Operating Temperature
-40 °C
Max. Operating Temperature
80 °C
Dimensions
483.5 x 96
Ingress Protection
IP68
Materials
Polycarbonate (PC)
Compliance/Certifications
RoHS

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