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Poynting PUCK-5-V2 4G-5G 5-in-1 Transportation Antenna, 2x2 MIMO, 2x2 WiFi, GPS, 617 to 7200 MHz, White

SKU
ANT-PY-00044
MPN
A-PUCK-0005-V2-01-W

Description

The Poynting PUCK-5-V2 is a robust 5-in-1 transportation antenna designed for versatile applications, including 4G/5G, WiFi, and GPS/GLONASS. With dual 2x2 MIMO LTE and WiFi capabilities, this antenna is ideal for high-speed data transmission in various environments. It supports frequencies from 617 to 7200 MHz, ensuring comprehensive network coverage.

Constructed from durable polycarbonate and ABS plastic, the PUCK-5-V2 is IP68 certified, offering excellent protection against dust and water ingress. It operates reliably in extreme temperatures ranging from -40 °C to 80 °C, making it suitable for harsh outdoor conditions.

The antenna features five RF connections with SMA Male interfaces and includes an integrated GNSS element for precise GPS and GLONASS positioning, boasting a 21 dBic gain. Compliance with CE and RoHS standards, along with MIL-STD-810 environmental durability, underscores its reliability and quality.

Poynting, a leader in...

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[Poynting](#)

Poynting is a top global provider of integrated antenna solutions, responsible for the innovation, design and manufacture of its market-leading products.

Established as a consultancy in 1990, Poynting evolved into an official PTY in 1997 and in 2001 established Poynting Antennas. It caters antenna solutions for primarily wireless high speed data applications, including residential 4G LTE as well ...

RF Specification

Cable 1 & 2: LTE

Start Frequency

698 MHz

Stop Frequency

3800 MHz

Max. Input Power

10 W

Polarisation

[Linear](#)

Input Impedance

50 Ω

RF Connectors

Ports	RF Interface	Body Shape	Cable Series	Length
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1	SMA Male	Straight	A-302	2000 mm
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Frequency Test Data

Start Freq.	Stop Freq.	Peak Gain	VSWR
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698 MHz	960 MHz	6 dBi	< 2.5:1
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1710 MHz	2700 MHz	6 dBi	< 2.5:1
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3200 MHz	3800 MHz	6 dBi	< 2.5:1
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Cable 3 & 4: WiFi

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
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1	SMA Male	Straight	A-302	2000 mm
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Frequency Test Data

Start Freq. Stop Freq. Peak Gain VSWR

2400 MHz 2500 MHz 5 dBi < 2.1:1

5000 MHz 6000 MHz 7.5 dBi < 2.1:1

Cable 5: GPS/GLONASS

Gain (Zenith)

21 dBic

Start Frequency

1575.42 MHz

Stop Frequency

1600 MHz

Input Impedance

50 Ω

Polarisation

[Right Hand Circular \(RHCP\)](#)

Low Noise Amplifier (LNA)

Noise Figure

≤ 1.5 dB

Min. Operating Voltage

2.7 V

Max. Operating Voltage

3.3 V

RF Connectors

Ports RF Interface Body Shape Cable Series Length

1 [SMA Male](#) [Straight](#) [A-302](#) 2000 mm

Physical Specification

Subtype

[Fin / Stud / Combo](#)

Input Ports

5

MIMO

[2x2 MIMO](#)

Min. Operating Temperature

-40 °C

Max. Operating Temperature

80 °C

Dimensions

99.3 x 36

Ingress Protection

[IP68](#)

Materials

[Polycarbonate \(PC\)](#), [ABS Plastic](#)

Weight

0.52 kg

Compliance/Certifications

CE

,

RoHS

Mechanical Compliance

MIL-STD-810: Environmental Durability

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