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Poynting PUCK-2-V2 4G-5G 2-in-1 Transportation & IOT, 2x2 MIMO Antenna, 617 to 6000 MHz, Black

SKU
ANT-PY-00011
MPN
A-PUCK-0002-V2-01

Description

The Poynting PUCK-2-V2 is a robust 2-in-1 MIMO antenna designed for seamless 4G and 5G connectivity, ideal for transportation and IoT applications. Operating across a wide frequency range of 617 to 6000 MHz, this dipole antenna ensures reliable wireless communication. Its compact design, measuring 99.3 x 36 mm and weighing 0.38 kg, is built from durable polycarbonate and ABS plastic, offering IP68-rated protection against dust and water.

This antenna supports a linear polarisation and features two RF connections via SMA Male interfaces, suitable for high-speed data applications such as GSM, M2M, and DTV. With a sturdy build, it withstands extreme temperatures from -40 °C to 80 °C and meets rigorous MIL-STD-810 environmental standards, making it perfect for harsh environments.

Poynting, a leading innovator in antenna technology, ensures high-quality performance through CE, RoHS, and ISO 9001 certifications. The PUCK-2-V2 is particularly...

[Read More](#)



[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

Port 1: Cellular

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	-1 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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Port 2: Cellular

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
-------	--------------	------------	--------------	--------

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

Start Freq. Stop Freq. Peak Gain VSWR

698 MHz	960 MHz	-1 dBi	< 2.5:1
1710 MHz	2700 MHz	6 dBi	< 2.5:1
3200 MHz	3800 MHz	6 dBi	< 2.5:1

Physical Specification

Subtype

[Dipole](#)

Input Ports

2

MIMO

[2x2 MIMO](#)

Min. Operating Temperature

-40 °C

Max. Operating Temperature

80 °C

Dimensions

99.3 x 36 mm

Ingress Protection

[IP68](#)

Materials

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

Weight

0.38 kg

Compliance/Certifications

CE

,

RoHS

,

ISO 9001 Quality Management

Mechanical Compliance

MIL-STD-810: Environmental Durability

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