

# 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...

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## RF Specification

### Port 1: Cellular



#### 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 ...

Start Frequency:	698 MHz	Polarisation:	Linear
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Stop Frequency:	3800 MHz	Input Impedance:	50
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Max. Input Power:	10 W
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#### RF Connectors

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

#### 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

## Port 2: Cellular

Start Frequency:	698 MHz	Polarisation:	Linear
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Stop Frequency:	3800 MHz	Input Impedance:	50
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Max. Input Power:	10 W
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#### RF Connectors

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

#### 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	Dimensions:	99.3 x 36 mm
Input Ports:	2	Ingress Protection:	IP68
MIMO:	2x2 MIMO	Materials:	Polycarbonate (PC), ABS Plastic
Min. Operating Temperature:	-40 °C	Weight:	0.38 kg
Max. Operating Temperature:	80 °C	Compliance/Certifications:	CE
		RoHS	'
		ISO 9001 Quality Management	
		Mechanical Compliance:	MIL-STD-810: Environmental Durability

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