Powertec Wireless Technology
ABN: 42 082 948 463
PO Box 1034, Ashmore City
Queensland, Australia, 4214
sales@powertec.com.au
1300 769 378

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
Making wireless happen

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
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
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

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

Disclaimer: Although care has been taken to ensure the accuracy, completeness and reliability of the information provided, Powertec assumes no responsibility therefore. The user of the information agrees that the information is subject to change without notice. Powertec assumes no responsibility for the consequences of use of such information, nor for any infringement of third party intellectual

property rights which may result from its use. IN NO EVENT SHALL POWERTEC BE LIABLE FOR ANY DIRECT, INDIRECT, SPECIAL, OR INCIDENTAL DAMAGE RESULTING FROM, ARISING OUT OF OR IN CONNECTION WITH THE USE OF THE INFORMATION.

