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# **Poynting XPOL-2-5G, Ultra- Wideband, 2x2 MIMO 4G-5G antenna; 617 to 4200 MHz, 30 cm N Female**

SKU  
ANT-PY-00005  
MPN  
A-XPOL-0002-V3-02

## Description

The Poynting XPOL-2-5G is an ultra-wideband 2x2 MIMO antenna designed for robust 4G and 5G applications. It supports a wide frequency range from 617 to 4200 MHz, making it ideal for various wireless high-speed data applications, including 4G LTE and GSM networks, as well as M2M and DTV systems. This panel antenna features a compact design, measuring 265 x 265 x 90 mm and weighing 1.55 kg, constructed from durable ASA plastic with an IP65 rating for excellent protection against dust and water.

Engineered to withstand extreme temperatures from -40°C to 80°C, the XPOL-2-5G delivers reliable performance in harsh environments. It complies with CE and RoHS standards and meets MIL-STD-810F for environmental durability, ensuring high-quality and long-lasting use. The antenna offers dual RF connections through 2 ports, presenting a 50  $\Omega$  impedance and supporting up to 20 W of input power. Its slant +45° polarisation enhances signal reception...

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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

Start Frequency

698 MHz

Stop Frequency

3800 MHz

Max. Input Power

20 W

Polarisation

[Slant +45°](#)

Input Impedance

50 Ω

RF Connectors

**Ports RF Interface Body Shape Cable Series Length**

1      [SMA Male](#)      [Straight](#)      [L-195](#)      500 mm

Frequency Test Data

**Start Freq. Stop Freq. Peak Gain VSWR Azimuth**

698 MHz    960 MHz    9 dBi      < 1.5:1 360°

1710 MHz   2700 MHz   10 dBi     < 1.5:1 360°

3400 MHz   3800 MHz   11 dBi     < 1.5:1 360°

## Physical Specification

Subtype

[Panel / Sector](#)

Input Ports

2

MIMO

[2x2 MIMO](#)

Min. Operating Temperature

-40 °C

Max. Operating Temperature

80 °C

Dimensions

265 x 265 x 90

Ingress Protection

[IP65](#)

Materials

[ASA Plastic](#)

Weight

1.55 kg

Compliance/Certifications

CE

,

RoHS

Mechanical Compliance

MIL-STD-810: Environmental Durability

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