

# Poynting OMNI-902, Omni-Directional, High Gain, 2x2 MIMO 4G-5G antenna, 617 to 4200 MHz

SKU: ANT-PY-00066

MPN: A-OMNI-0902-V1-02

## Description

The Poynting OMNI-902 is a high-performance, omni-directional antenna designed for seamless 4G and 5G connectivity across a wide frequency range of 617 to 4200 MHz. Engineered for durability, it features a robust construction using Fibreglass (GRP) and Stainless Steel (316), and is rated IP65 for excellent protection against dust and water ingress. This 2x2 MIMO antenna supports two RF connections, enhancing data transmission reliability and speed for high-speed data applications.

The antenna's collinear design ensures consistent signal reception in all directions with a 360° azimuth beamwidth. Its vertical polarisation and 50 Ω impedance make it suitable for diverse applications, including residential 4G LTE, GSM, M2M communications, DTV, and customer premise equipment. The OMNI-902 is compliant with CE and RoHS standards, ensuring adherence to international safety and environmental regulations.

Poynting, a renowned leader in antenna...

[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

## Omni-Directional Antenna

Start Frequency:	617 MHz	Polarisation:	Vertical (V)
Stop Frequency:	4200 MHz	Input Impedance:	50

### Frequency Test Data

Start Freq.	Stop Freq.	Azimuth
617 MHz	4200 MHz	360°

# Physical Specification

Subtype:	Collinear	Ingress Protection:	IP65
Input Ports:	2	Materials:	Fibreglass (GRP), Stainless Steel (316)
MIMO:	2x2 MIMO	Compliance/Certifications:	CE
Min. Operating Temperature:	-40 °C	RoHS	
Max. Operating Temperature:	80 °C	Mechanical Compliance:	IEC 60529: IP Code

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.

