

Item no.: A-OMNI-0280-01

## OMNI-280-1 - All Weather OMNI-Directional LTE + 5G SISO Antenna 698-960 & 1710-2700 MHz, max. 4 dBi

**27,36 EUR**

Item no.: A-OMNI-0280-01  
shipping weight: 0.10 kg  
Manufacturer: Poynting



### Product Description

Poynting A-OMNI-0280-01 - All Weather OMNI-Directional LTE + 5G SISO Antenna 698 - 960 & 1710 - 2700 MHz, max. 4 dBi

The OMNI-280-08 antenna provides an innovative solution for the signal enhancement of 5G, 4G, 3G and 2G networks. It is a unique magnetic, wall- or pole-mountable, single polarised, full LTE band antenna that incorporates an ultra wideband element in a single housing.

This antenna is a cost effective solution for enhancing signal reception and throughput. The OMNI-280-01 antenna increases signal reliability, ensures higher data throughput for users and provides a stable, high quality connection. This improves user experience and secures client retention. It is ideal for any application using the GSM network (LTE/HSPA/3G/EDGE/GPRS). Features:

- Medium gain omni-directional antenna
- Wideband - covers a wide frequency band
- Magnetic, wall or pole mountable
- Lightweight
- Increase system transmission reliability

Application areas:

- M2M applications where machines and measurement devices need to be connected for real time monitoring and information transfer (Telematics)
- Utilities for power and water metering
- Security industry where cameras and other security equipment needs to be monitored
- Retail point of sale equipment
- Areas where poor data signal reception (indoor and outdoor)

Electrical specifications

- Frequency bands: 698 - 960 MHz; 1710 - 2700 MHz; 3400 - 3800 MHz
- Gain (max): 4 dBi
- VSWR:
- Feed power handling: 10 W
- Input impedance: 50 Ohm (nominal)
- Polarisation: Linear vertical
- Cable loss: 0.47 dB/m at 900 MHz; 0.75 dB/m at 2000 MHz; 0.79 dB/m at 2500 MHz; 0.83 dB/m at 3500 MHz
- DC short: Yes
- Cable length: 1 m
- Cable type: RG 58
- Connector: SMA (m)

Mechanical specifications

- Product dimensions (L x W): +/- 154 x 51 mm
- Packaged dimensions: 154 x 51 x 51 mm
- Packaged weight: 200 g
- Radome material: ABS (halogen free)
- Radome colour: Cool Gray 1C

Environmental specifications

- Wind survival:
- Temperature range (operating): -40°C to +70°C
- Environmental conditions: Outdoor/indoor
- Operating relative humidity: Up to 98%
- Storage humidity: 5 to 95% non condensing
- Storage temperature: -40°C to +70°C
- Flammability rating: UL 94-HB

## Specifications

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All details, up-to-date  
prices and availability

