

Item no.: A-OMNI-0280-02

## Poynting A-OMNI-0280-02 All Weather OMNI-Directional LTE + 5G SISO Antenna

from **30,27 EUR**

Item no.: A-OMNI-0280-02  
shipping weight: 0.10 kg  
Manufacturer: Poynting



### Product Description

The OMNI-280 antenna offers an innovative solution for signal enhancement of 4G/3G and 2G networks. It is a unique magnetic, wall or pole mountable, single polarised full LTE band antenna that combines an ultra-wideband element in a single housing. This antenna is a cost-effective solution for improving signal reception and throughput. The OMNI-280-01 antenna increases signal reliability, provides higher data throughput for users and ensures a stable, high quality connection. This improves the user experience and ensures customer loyalty. It is ideal for any application that utilises the GSM network (LTE/HSPA/3G/EDGE/GPRS).

Electrical specifications- Frequency bands: 698 - 960 MHz; 1710 - 2700 MHz; 3400 - 3800 MHz- Gain (maximum): 1 dBi at 698-960 MHz; 3.5 dBi at 1710-2700 MHz; 4 dBi at 3400-3800 MHz- VSWR: <3:1 over 90% of bands- Input power: 10 W- Input impedance: 50 Ohm (nominal)- Polarisation: Linear vertical- Coaxial cable loss: 0.535 dB/m at 900 MHz; 0.79 dB/m at 1800 MHz; 0.97 dB/m at 2400 MHz; 1.1 dB/m at 3000 MHz- DC short circuit protection: YesPackaging contents- Antenna: A-OMNI-0280- Mounting bracket: Pole/wall and desk mount (magnetic/velcro)Mechanical specifications- Product dimensions: 157 x 61 x 44 mm- Packaging dimensions: 250 x 150 x 50 mm- Radome material: ABS (halogen-free)- Radome colour: Pantone Cool Grey 1C- Mounting type: pole/wall and magnetic/VelcroEnvironmental specifications, certifications and approvals- Wind resistance: <120 km/h- Temperature range (operation): -40°C to +70°C- Ambient conditions: Outdoor/indoor- Protection type/standard against water ingress: IP 65- Salt spray: MIL-STD 810F/ASTM B117- Relative humidity during operation: Up to 98%- Storage humidity: 5% to 95% - non-condensing- Storage temperature: -40°C to +70°C- Enclosure flammability rating: UL 94-HB- Impact resistance: IK 08- Product safety & environment: Complies with CE and RoHS standards

### Specifications

Scan this QR code to  
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All details, up-to-date  
prices and availability

