

Item no.: A-OMNI-0292-V2

OMNI-292 - All Weather Ultra-Wide Omni-Directional LTE & Wi-Fi Antenna, 690 - 2700 MHz

from **141,93 EUR**

Item no.: A-OMNI-0292-V2
shipping weight: 1.20 kg
Manufacturer: Poynting



Product Description

Poynting A-OMNI-0292-V2 - All Weather Ultra-Wide Omni-Directional LTE & Wi-Fi Antenna, 690 - 2700 MHz

This high gain omni-directional antenna covers all cellular frequency bands needed for LTE (4G), but also covers the bands for HSDPA, 3G, EDGE, GPRS and voice, as well as 2.4 GHz LTE and Wi-Fi bands. Its configuration makes it suitable for fixed installations of any cellular frequency band.

This is one of the few omni-directional antennas in the world that offers a consistently high gain over a very wide frequency band with excellent radiation pattern performance. This makes it a very popular choice with installers because of its base station agility. It is also ideal for machine to machine (M2M) applications that are communicating through the GSM network (GPRS/EDGE/ 3G/ HSPA/ LTE)

- Compatible with 4G, 3G and 2G technologies, supports 2.4 GHz WiFi
- Ideal for machine to machine applications
- Increased connectivity stability
- Consistent high gain over a very wide frequency band
- Excellent broadband quality antenna
- Vandal and water resistant enclosure

Features

- Wall or pole mountable
- N type female connector so that any cable type or cable length can be connected

Application areas

- Machine to machine (M2M)
- Poor data signal reception (indoor or outdoor)
- Slow data transmission connection
- Unstable connection
- Increases system transmission reliability
- High-end industrial grade router applications
- Mobile offices
- Caravans, RTVs

Electrical Specifications:

- Frequency bands: 690 - 960 MHz; 1710 - 2700 MHz
- Gain (max.): 8 dBi
- VSWR:
- Feed power handling: 10 W
- Input impedance: 50 Ohm (nominal)
- Polarisation: Linear vertical
- Cable loss: Optional cable dependent
- Path to ground: Yes
- Connector: N type female

Mechanical Specifications:

- Product dimensions (L x W x D): +/- 675 x 75 x 75 mm
- Packaged dimensions: 700 x 95 x 90 mm
- Weight: 0,46 kg
- Packaged weight: 1,17 kg
- Radome material: ABS (Halogen free)
- Radome colour: Pantone - Cool Gray (1c), RAL - 7047

Environmental Specifications:

- Wind survival: 160 km/h
- 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

Certification Approvals and Standards:

- Flammability rating: UL 94 HB
- Water ingress protection rate/standard: IP 65
- Impact resistance: IK 08
- Salt spray: MIL-STD 810F/ASTM B117
- Product safety: Complies with UL, CE, EN, CSA and IEC standards

Specifications

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

