

Item no.: A-OMNI-0121-1-V3

A-OMNI-0121-01-V3 - All-Band GSM Omnidirectional Antenna

from **76,20 EUR**

Item no.: A-OMNI-0121-1-V3

shipping weight: 0.10 kg

Manufacturer: Poynting



Product Description

Poynting A-OMNI-0121-01-V3 - All-Band GSM Omnidirectional Antenna

This medium gain omnidirectional antenna covers the GSM 900, GSM1800 / UMTS and LTE frequency bands and is a lightweight and easy to install antenna. This is a cost-effective omnidirectional solution as it comes with a 5 m cable and is a popular choice with installers due to its versatile base station. It is also ideal for machine-to-machine (M2M) applications communicating over the GSM network (GPRS/ EDGE/ 3G/ HSPA/ LTE).

Features

- Omnidirectional antenna with medium gain
- Wall and mast mounting possible
- Movable base station
- Waterproof
- Lightweight
- Covers most international GSM and LTE bands

Application areas

- Enables the provision of wireless services in rural and remote areas
- M2M communications (ATMs, financial data processing, telemetry, etc.)
- Extend wireless data to weak signal areas (can extend connectivity range by a factor of 3 or more)
- Poor data signal reception (indoor or outdoor)
- Slow data transmission connection
- Unstable connection
- Increasing the reliability of the system transmission

Electrical specifications

- Frequency ranges: 690-960 MHz; 1710-2170 MHz; 2500-2700 MHz; 2500-2700 MHz
- Gain (Max.): 6 dBi
- VSWR:
- Feed power control: 10 W
- Input impedance: 50 Ohm (nominal)
- Polarisation: Linear Vertical
- Cable loss: 0.35 dB/m (at) 900 MHz; 0.53 dB/m (at) 2000 MHz; 0.6 dB/m (at) 2500 MHz
- DC Short: Yes

Environmental specifications

- Wind load: 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

Mechanical specifications

- Product dimensions (L x W x D): 555 mm x 50 mm x 50 mm
- Packed dimensions: 595 mm x 130 mm x 65 mm x 65 mm
- Weight: 0.50 kg
- Packed weight: 0.65 kg
- Radome material: ABS (halogen-free)
- Radome colour: Pantone - Cool Gray (1C)RAL - 7047
- End cap colour: Pantone - Black; RAL - Black

Certifications and standards

- Flammability rating: UL 94-V1; EN 13823
- Protection class: 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
view the product**

All details, up-to-date
prices and availability

