

Item no.: 362297

A-OMNI-0085-V3-01 - Router/device antenna, omnidirectional, LTE

from **15,78 EUR**

Item no.: 362297
shipping weight: 0.10 kg
Manufacturer: Poynting



Product Description

The OMNI-85 is the third generation "V3" of Poynting's very popular router/device mount antenna. The OMNI-85 is a broadband omnidirectional antenna that covers all current 4G/LTE and future 5G frequency bands. The broadband performance of the antenna allows it to operate from 617 to 3800 MHz with a peak gain of 3.5 dBi across the operating bands. This makes the antenna usable in all parts of the world and is backward compatible with 2G, 3G and 4G technologies. The antenna is independent of the ground plane and can be connected directly to any device with an SMA socket. The antenna's knuckle foot allows for multiple set-up angles to match the orientation of the device.

Electrical specifications- Frequency bands: 617 - 960 MHz / 1427 - 1517 MHz / 1710 - 2700 MHz / 3400 - 3800 MHz- Gain (max): 0 dBi @ 617 - 960 MHz / 1.2 dBi at 1427 - 1517 MHz / 3.5 dBi @ 1710 - 2700 MHz / 2.5 dBi @ 3400 - 3800 MHz- VSWR: <2.5:1- Feed power rating: 10 W- Input impedance: 50 ohms (nominal)- Polarisation: Linear vertical- DC short: YesMechanical specifications- Product dimensions: 209 mm x 31 mm x Ø13 mm- Housing dimensions: 250 mm x 45 mm x 16 mm- Weight: 0.042 kg- Packaging weight: 0.044 kg- Radome material: ABS (halogen-free)- Radome colour: Black- Mounting type: Screw-onEnvironmental specifications- Wind resistance: Indoor- Temperature range (operating): -40°C to +70°C- Environmental conditions: Indoor- Water ingress protection type/standard: IP 55- Salt spray: MIL-STD 810G/ASTM B117- Operating relative humidity: 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 05- Complies with CE and RoHS standards.

Specifications

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

