

Item no.: 362304

## A-OMNI-0702-V1-01 - Omni-directional WIFI antenna

from **81,98 EUR**

Item no.: 362304  
 shipping weight: 0.10 kg  
 Manufacturer: Poynting



### Product Description

The OMNI-702 antenna is an omnidirectional Wi-Fi antenna. The constant gain across the entire band provides improved performance with reliable connections. The antenna is designed for superior directionality across the frequency range, making the OMNI-702 an exceptional omnidirectional antenna for its size. The antenna can be connected to any Wi-Fi access point to avoid channel congestion and provide ultimate Wi-Fi performance and flexibility. The rugged housing offers protection in adverse environments with IP69K and IK10 ratings. The antenna has an N-type socket at the base that can be connected to a cable of the desired type and length. Highlights- 2400 - 2500 MHz- 8 dBi gain- ideal for IoT and M2M applications- extremely robust and vandal-proof design- high-pressure water and dust-proof housing (IP69K)- easy installation (wall or pole mounting) Applications- Smart Utilities: Smart Power Metering, Gas & Water Metering- Smart Buildings: Climate Control, Access Control, Security, Irrigation- Smart Environmental and Water Systems- Warehouses and Logistics Systems- Industrial Factory Automation and M2M Systems- Agriculture & M2M IoT Scope of delivery- A-OMNI-0702-V1-01 Antenna- Wall mounting screws- Pipe mounting- Adhesive plate- L-bracket- M4 stainless steel machine screw and washer

Electronic specifications- Frequency bands: 2400 - 2500 MHz, 5000 - 6000 MHz- Gain (maximum): 4.0 dBi at 2400 - 2500 MHz, 5.5 dBi at 5000 - 6000 MHz- VSWR: <2:1- Feed power: 10 W- Input impedance: 50 Ohm (nominal)- Polarisation: Linear vertical- DC short: Path to earth Product package contents- Antenna: A-OMNI-0706- Mounting bracket: L-bracket included, self-adhesive surface mount Mechanical specifications- Product dimensions: 155 mm x Ø70 mm- Packaging dimensions: 240 mm x 100 mm x 85 mm- Radome material: UV stable ASA- Radome colour: Grey Pantone 429C- Mounting method: wall and pole mount, adhesive surface mount disc Environmental specifications, certifications and approvals- Wind resistance: 2190 km/h- Temperature range (operating): -40°C to +80°C- Environmental conditions: Outdoor/indoor- Protection type/standard against water ingress: IP 69K- 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 +80°C- Enclosure flammability rating: UL 94-HB- Impact resistance: IK 10- Product safety and environmental: Complies with CE and RoHS standards

### Specifications

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

