

Item no.: 362301

A-OMNI-0705-V1-01 - OMNI Directional Wi-Fi Antenna 5000 - 6000 MHz, 7 dBi

from **81,12 EUR**

Item no.: 362301
 shipping weight: 0.10 kg
 Manufacturer: Poynting



Product Description

The OMNI-705 antenna is an omnidirectional Wi-Fi antenna developed by Poynting Antennas. The antenna operates from 5.0 - 6.0 GHz, so it covers the 5 GHz Wi-Fi band, and has a maximum gain of 7.5 dBi. 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-705 an exceptional omnidirectional antenna for its size. The antenna can be connected to any Wi-Fi access point to eliminate channel saturation and provide ultimate Wi-Fi performance and flexibility. The rugged housing design provides protection from adverse environments with an IP 69K and IK 10 rating. The antenna has an N-type socket at the base that can be connected to a cable of the desired type and length. Features- Omni-directional antenna- High gain Wi-Fi antenna from 5000 to 6000 MHz- Easy installation, pole or wall mounting possible- Elegant and robust design- Water and dustproof high-pressure housing (IP 69K) Application areas- Smart utilities: Smart electricity meters, gas meters, water meters- 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 in agriculture

Antenna Overview- Connections: 1- SISO / MIMO: SISO- Frequency bands: 5000 - 6000 MHz- Polarisation: Linear Vertical- Peak gain: 7.5 dBi- Connection type: N-type (F) Electrical specifications- Frequency bands: 5000 - 6000 MHz- Gain (Max): 7.5 dBi- VSWR: <2:1- Feed Power: 10 W- Input Impedance: 50 Ohm (nominal)- Polarisation: Linear Vertical- DC Short: Yes Mechanical specifications- Product dimensions 306 mm x Ø70 mm- Enclosure dimensions 386 mm x 80 mm x 96 mm- Weight 0.25 kg- Packed weight 0.555 kg- Radome material: UV-stable ASA- Radome colour: Grey- Pantone 429C- Mounting method: wall and pole mounting with L-bracket and surface mounting with adhesive disc Environmental specifications, certification and approvals- Wind resistance: <190 km/h- Temperature range (operating): -40°C to +80°C- Environmental conditions: Outdoor/indoor- Degree of protection/standard for 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 & environment: Complies with CE and RoHS standards Product box contents- Antenna: A-OMNI-705- Mounting bracket: Supplied L-bracket and adhesive washer.

Specifications

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

