

Item no.: 362300

A-OMNI-0706-V1-01 - OMNI Directional Wi-Fi Antenna 2400 - 2500 MHz, 5000

from **87,78 EUR**

Item no.: 362300
 shipping weight: 0.10 kg
 Manufacturer: Poynting



Product Description

The OMNI-706 is a dual-band Wi-Fi omnidirectional antenna designed by Poynting Antennas. The OMNI-706 is part of our new "Rhyno" antenna range and covers the 2.4 GHz and the 5-6 GHz Wi-Fi bands, allowing excellent utilisation of the radio spectrum. The antenna has a maximum gain of 2 dBi in the 2.4 GHz band and 4.8 dBi in the 5 GHz band, offering improved performance with reliable connections. The antenna was developed with this makes the OMNI-706 an exceptional omnidirectional antenna for its size. The OMNI-706 antenna can be connected to any Wi-Fi access point, whether it is older Wi-Fi technology or the new dual-band Wi-Fi technology. The antenna can therefore be used to resolve channel saturation and provide the ultimate in Wi-Fi performance and flexibility. This means that the antenna can also be used for point-to-point connections in high RF noise and cluttered environments. The robust housing design offers protection against adverse environmental conditions with IP 69K and IK 10 ratings. The antenna is supplied with an N-type socket on the base, which can be connected to a cable of the desired type, with a cable of the desired type and length.

Features- Dual-band antenna for 2.4 GHz and 5 GHz Wi-Fi
 Omni-directional antenna with medium to high gain- Easy installation, pole or wall mounting possible- Elegant and robust design- Water- and dust-proof 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- Industrial factory automation and M2M systems

Antenna Overview- Connectors: 1- SISO / MIMO: SISO- Frequency bands: 2400 - 2500 MHz; 5000 - 6000 MHz- Polarisation: Linear Vertical- Peak gain: 4.8 dBi- Connector type: N-type (F)
Electrical specifications- Frequency bands: 2400 - 2500 MHz; 5000 - 6000 MHz- Gain (Max): 2 dBi @ 2400 - 2500 MHz; 4.8 dBi @ 5000 - 6000 MHz- VSWR: <2:1- Power handling: 10 W- Input impedance: 50 ohms (nominal)- Polarisation: Linear Vertical- DC Short: Path to earth
Mechanical specifications- Product dimensions 155 mm x Ø70 mm- Packed dimensions 240 mm x 100 mm x 85 mm- Weight 0.17 kg- Packed weight 0.41 kg- Radome material: UV-stable ASA- Radome colour: Grey Pantone 429C- Mounting method: wall and pole mounting with L-bracket & surface mounting with adhesive disc
Environmental specifications, certification and approval- 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-706- Mounting bracket: Supplied L-bracket and adhesive washer.

Specifications

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

