

Item no.: 362314

## A-OMNI-0785-V1-01 - Router/Device Mounting Swivel Dual Band Wi-Fi-6E SISO Antenna

from **17,44 EUR**

Item no.: 362314  
shipping weight: 0.10 kg  
Manufacturer: Poynting



### Product Description

The OMNI-785 is an omni-directional dual-band Wi-Fi antenna that ensures a strong Wi-Fi connection with improved transmission speeds for your router or modem. The antenna covers the 2.4 GHz and 5 - 7.2 GHz Wi-Fi bands with a peak gain of 4 dBi across the bands. The antenna is independent of the base plate and can be connected directly to any device with an RP-SMA connector. This allows the antenna to be connected to any Wi-Fi access point, regardless of whether it is legacy Wi-Fi technology or 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. The antenna's articulating base allows it to be used at different angles to accommodate device orientation.

#### Highlights

- Dual-band Wi-Fi antenna for 2.4 GHz and 5 GHz
- Omni-directional antenna with medium gain
- Ankle mount allows use at different angles
- Antenna is independent of the base plate
- Robust and lightweight design

#### Applications

- On-the-go: Highly portable
- Poor data signal reception (indoors or outdoors)
- Slow or unstable data transmission connection
- Increasing the reliability of system transmission
- M2M and IoT applications

#### Electronic specifications

- Frequency bands: 2400 - 2500 MHz, 5000 - 7200 MHz
- Gain (max.): 2 dBi at 2400 - 2500 MHz, 4 dBi at 5000 - 7200 MHz
- VSWR: <2.5:1
- Feed-in power: 10 W
- Input impedance: 50 Ohm (nominal)
- Polarisation: Linear vertical
- DC short circuit: Yes

#### Mechanical specifications

- Product dimensions: 209 x 31 x Ø13 mm
- Packaging dimensions: 250 x 45 x 16 mm
- Weight: 0.04 kg
- Packing weight: 0.04 kg
- Radome material: ABS (halogen-free)
- Radome colour: Black
- Mounting type: Screw-on

#### Environmental specifications, certifications and approvals

- Wind survival: Indoor
- Temperature range (operating): -40°C to +80°C
- Environmental conditions: Indoor
- Protection type/standard against water ingress: 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 +80°C
- Flammability rating of enclosure: UL 94-HB
- Impact resistance: IK 05
- Product safety and environment: Complies with CE and RoHS standards

## Specifications

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prices and availability

