

Item no.: 382709

## 42472 - A-UDAS-0001-V1-01 Ultra-wideband cross-polarised antenna 600 - 6000



from **84,58 EUR**

Item no.: 382709  
shipping weight: 2.00 kg  
Manufacturer: Poynting

### Product Description

Poynting A-UDAS-0001-V1-01 Ultra-wideband, cross-polarised antenna 600 - 6000 MHz The UDAS is a unique device designed to improve the router signal in a closed environment. The antenna is placed between an indoor router and an outdoor antenna. The purpose of the antenna is to direct a small portion of the transmitted or received signal into the area where the device is installed. This allows indoor users to receive an improved signal while most of the power is radiated from the outdoor antenna. The device operates in the broadband range of 698 - 6000 MHz, covering the popular 5G/LTE bands as well as the 2.4 GHz and 5 GHz for Wi-Fi applications. The UDAS has an omnidirectional radiation pattern, which ensures that the entire room or enclosed area is covered. The UDAS also offers 2x2 MIMO, where the antenna elements are cross-polarised within the housing, as this contributes to diversity and delivers better performance. The UDAS housing is made of ABS with UV stabiliser, a highly impact-resistant plastic that is also resistant to acids and other chemicals.

**SCOPE OF SUPPLY**A-UDAS-0001-V1-01 Antenna

**Electrical Specifications**- Frequency bands: 617 - 960 MHz 1427 - 1517 MHz 1710 - 2700 MHz 3400 - 3800 MHz 5000 - 6000 MHz- VSWR: <2:1- Feed power handling: 10 W- Input impedance: 50 Ohm (nominal)- Polarisation: +- 45 degrees Linearly polarisation- Coax cable loss: 0.535 dB/m @ 900 MHz 0.76 dB/m @ 1500 MHz 0.79 dB/m @ 1800 MHz 0.97 dB/m @ 2400 MHz 1.1 dB/m @ 3000 MHz 2.0 dB/m @ 5800 MHz- DC short: Yes

**Mechanical Specifications**- Product dimensions 95 mm x 158 mm x 39 mm (Excluding cables, connectors and adhesive foam)- Packaged dimensions: 200 mm x 176 mm x 50 mm- Weight: TBC- Packaged weight: TBC- Radome material: PC-ABS with UV Stabilizer- Radome colour: Pantone - Cool Gray (11C)- Mounting Type: Surface Mount

**Environmental Specifications, Certification & Approvals**- Wind Survival: <160 km/h- Temperature Range (Operating): -40°C to +70°C- Environmental Conditions: Outdoor/Indoor- Water ingress protection ratio/standard: IP 65 (NEMA 4X)- Salt Spray: MIL-STD 810F/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 08- Product Safety & Environmental: Complies with CE and RoHS standards

### Specifications

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

