

Item no.: 362311

A-EPNT-0001-V1-01 - ePoynt outdoor router housing incl. cross-polarised omni antenna

from **195,92 EUR**

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shipping weight: 0.10 kg
Manufacturer: Poynting



Product Description

Poynting Antennas introduces its brand new range of antenna enclosures, the ePoynt series. The ePoynt enclosures are designed to fit a variety of router modules and turn the antenna enclosure into a Customer Premises Equipment (CPE) - just add your own LTE/5G router. The ePoynt housing offers space for routers up to 185 x 145 x 45 mm in size. The ePoynt-1 (EPNT-1) combines Poynting's cross-polarised omnidirectional antennas for improved performance. This is ideal in built-up areas where there are multiple base stations nearby, but where greater stability and throughput is required due to the improved MIMO configuration. The EPNT-1 has four cross-polarised antennas, making it ideal for 4x4 MIMO or dual 2x2 MIMO routers. The antennas provide broadband coverage from 617 to 3800 MHz, making them ideal for LTE and 5G deployments with a peak gain of 5 dBi. The EPNT-1 also includes two omnidirectional dual-band WLAN antennas covering the 2.4 GHz and 5 to 6 GHz WLAN bands for 2x2 MIMO. The EPNT-1 housing has also been designed to withstand adverse weather conditions, making the antenna weatherproof and waterproof with an IP65 rating. Electrical specifications - Mobile radio- Frequency bands: 617 - 960 MHz, 1427 - 1517 MHz, 1710 - 2700 MHz, 3400 - 3800 MHz- Gain (max.): 1 dBi at 617 - 960 MHz, 0.5 dBi at 1427 - 1517 MHz, 4.5 dBi at 1710 - 2700 MHz, 2.5 dBi at 3400 - 3800 MHz- VSWR: ?2.5:1- Input power: 10 W- Input impedance: 50 Ohm (nominal)- Polarisation: cell 1: $\pm 45^\circ$, cell 2: vertical and horizontal linear- Grounding: yes Electrical specifications for Wi-Fi- Frequency: 2400 - 2500 MHz, 5000 - 7200 MHz- Gain (max.): 3 dBi at 2400 - 2500 MHz, 7.5 dBi at 5000 - 7200 MHz- VSWR: <2.5:1 over 90 % of the band- Input power: 10 W- Nominal input impedance: 50 Ohm (nominal)- Polarisation: Vertical and horizontal linear- Earthing: Yes Mechanical specifications- Product dimensions: 260 x 264 x 168 mm- Maximum router dimensions: 185 x 145 x 45 mm- Packaging dimensions: 450 x 270 x 180 mm- Weight: 1.035 kg- Packaging weight: 1.785 kg- Radome material: UV-stable ASA- Radome colour: Brilliant White, Pantone P 179-1C- Mounting type: wall/pole and window mounting Environmental specifications, certifications and approvals- Wind resistance: ?220 km/h- Temperature range (operating): -40°C to +70°C- Ambient conditions: Outdoor/indoor- Degree of protection/standard against water ingress: IP65- Salt spray: MIL-STD 810G/ASTM B117- Relative humidity during operation: 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 and environment: Complies with CE and RoHS standards

Specifications

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All details, up-to-date
prices and availability

