

Item no.: 362293

A-XPOL-0001-V2-21 - 2x2 MiMo LTE & 5G Omnidirectional Antenna 698-3800 MHz

from **92,80 EUR**

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shipping weight: 0.10 kg
Manufacturer: Poynting



Product Description

The XPOL-1-5G is Poynting's second generation "V2" of this very popular cross-polarised (XPOL), cellular band, 2x2 MIMO antenna. The antenna has been completely redesigned compared to the previous generation with a completely new housing and antenna design. The antenna now covers the newer 3400 - 3800 MHz bands as well as the in-demand 698 MHz band and is suitable for 2G, 3G, 4G and 5G. This antenna performs exceptionally well in the following frequency bands: 698 - 960 MHz, 1700 - 2700 MHz & 3400 - 3800 MHz, with a peak gain of 3 dBi. The radiation patterns of this antenna are omnidirectional and controlled, which further enhances the antenna's performance. This makes the antenna perfect for most application areas, e.g. urban, rural, agricultural and commercial. The robust mechanical housing makes the antenna resistant to weather, dust and vandalism and is IP65 rated for harsh environments.

Electrical specifications- Frequency bands: 698 - 960 MHz / 1710 - 2700 MHz / 3400-3800 MHz- Gain (max): 3 dBi- VSWR: ?2.5:1- Feed power: 20 W- Input impedance: 50 ohms (nominal)- Polarisation: cross-polarised- Coaxial cable loss: 0.385 dB/m at 900 MHz / 0.565 dB/m at 1800 MHz / 0.666 dB/m at 2400 MHz / 0.788 dB/m at 3000 MHz- DC short-circuit: Yes, path to earthMechanical specifications- Product dimensions 247 mm x 157 mm x 88 mm- Dimensions: 270 mm x 190 mm x 100 mm- Radome material: UV-stable ASA- Radome colour: Brilliant white- Pantone P 179-1 C- Mounting type: wall, pole and window mountingEnvironmental specifications- Wind resistance: ?250 km/h *Except for window mounting- Temperature range (operating): -40°C to +70°C- Environmental conditions: Outdoor/Indoor- Water Ingress Protection Ratio/Standard: IP 65- 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 +70°C- Enclosure: Flammability Rating: UL 94-HB- Impact Resistance: IK 10- Complies with CE and RoHS standards.

Specifications

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All details, up-to-date
prices and availability

