

Item no.: 362333

A-PATCH-0025-V2-02 - PATCH-25 Circular Polarised RFID Patch Antenna

from **110,44 EUR**

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shipping weight: 0.10 kg
Manufacturer: Poynting



Product Description

The PATCH-25 antenna covers both the EU and USA RFID bands. The antenna is waterproof and easy to install. It is circularly polarised and can be read in any orientation. Due to its circular polarisation, it can also be used to improve GSM coverage indoors. The VSWR is typically less than 1.3:1, giving a return loss of more than 20 dB. This antenna is unique in the RFID environment due to its VSWR & gain specifications.

Electrical specifications- Frequency bands: 860 - 960 MHz- Gain (max): 8.8 dBi- VSWR: <1.3:1- Feed power rating: 10 W- Input impedance: 50 Ohm (nominal)- Polarisation: Circular (circular right polarised)- Coaxial cable loss: 0.535 dB/m @ 900 MHz- DC short-circuit protection: Yes Mechanical specifications- Product dimensions: 250 mm x 250 mm x 40 mm- Housing dimensions: 335 mm x 250 mm x 95 mm- Radome material: ABS (halogen-free)- Radome colour: Pantone - Cool Grey (1C), - RAL - 7047- Mounting type: Stake Environmental specifications- Wind resistance: ?160 km/h- Temperature range (operating): -20°C to +70°C- Environmental conditions: Outdoor/indoor- Degree of protection/standard for water ingress: 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: -20°C to +70°C- Enclosure flammability rating: UL 94-HB- Impact rating: IK 08- Complies with CE and RoHS standards

Specifications

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

