Item no.: DSH5028DPX

DSH5028DPX - 5 GHz, 28 dBi powerful parabolic antenna with radome

from **226,96 EUR**

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shipping weight: 4.00 kg
Manufacturer: ITELITE

📄 Product Description

itelite DSH5028DPX - 5 GHz, 28 dBi high-performance parabolic antenna with radomeThe parabolic antenna operates in the 5 GHz frequency band and has a gain of 28 dBi and can be used with horizontal and vertical polarisation or +45° and -45° polarisation. It is the ideal solution for MIMO configurations. The antenna was designed for CPE and point-to-point connections.Perfectly suited for operation in difficult weather conditions, as the corrosion resistance of the materials makes it possible to operate the antenna even in salt water environments. The high quality of the mast mount guarantees easy height and tilt adjustment. An adapter for radio mounts significantly simplifies installation.Key features- 2x 28 dBi directional gain- Dual polarisation H&V or cross polarisation- Broadband operation- Very narrow aperture angle- High-quality construction- Heavy-duty mounting elements- Ideal solution for interference-prone environments- Mounting kit for precise adjustment- Radio bracket for easy installation- Compliant with ETSI classificationApplication areas- GHz band WLAN- IEEE 802.11a WLAN systems- 802.11n/MIMO standard- Nstreme dual configurationPoint-to-point applicationsElectrical characteristics- Frequency: 5.1 - 5.9 GHz- Gain: 2x 28 dBi- Polarisation: Dual H&V or cross polarisation (adjustable)- 3 dB aperture angle: 5°- VSWR: - Impedance: 50 Ohm- Side lobes: ETSI EN 302.326-3 DN5- Cross polarisation: -35 dB (typ.)- Port to port isolation: -35 dB (max.), -40 dB (typ.)Mechanical properties- Diameter: 59 cm (23.2")- Weight incl. bracket: 3.5 kg (7.7 lbs.)- Mast diameter: 20 - 80 mm (0.8" - 3.0")- RoHs compliant: yes- Radome material: PCV cover with UV protection- Radome colour: white/blue- Connection: 2x N-socket- Protection rating: IP 67- Operating temperature: -40°C to 80°C- External dimensions: 600 mm (23.2") in diameter- Wind load: 200 km/h

📄 Specifications

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