Item no.: MA-WA56-DP28NB

MA-WA56-DP28NB - 4.7-6.425 GHz High Gain Dual Polarization Subscriber Antenna

from **476,19 EUR**

Item no.: MA-WA56-DP28NB
shipping weight: 4.70 kg
Manufacturer: MARS Antennas

Product Description

MARS MA-WA56-DP28NB - 4.7-6.425 GHz High Gain Dual Polarization Subscriber Antenna
The MARS 5 GHz dual polarized antenna was designed to provide full coverage for the 5 GHz frequency band.Additional Features:

- Efficient and stable performance
- High gain/size ratio
- Durable construction
- UV protected radome made of polycarbonate allowing harsh weather installations

Electrical

- Frequency range: 4.7-4.9 GHz; 4.9-5.15 GHz; 5.15-5.875 GHz; 5.875-6.1 GHz; 6.1-6.425 GHz
- Gain: V-pol: 28 +/-1 dBi, 28.5 +/-0.5 dBi, 29 +/-0.5 dBi, 28.5 +/-0.5 dBi, 27.5 +/-1 dBi; H-Pol: 27 +/-1 dBi, 28 +/-0.5 dBi, 28.5 +/-0.5 dBi, 28 +/-1 dBi, 27 +/-1 dBi
- VSWR, max.; 2.7:1, 2:1, 1.9:1, 2:1, 2.6:1
- Polarization: Dual polarization: V & H; Dual slant (opt.) +/-45°
- 3 dB beam-width, H-plane, typ.: 5.5°, 5.2°, 4.7°, 4.4°, 5°
- 3 dB beam-width, E-plane, typ.: 5.5°, 5.2°, 4.7°, 4.4°, 5°
- Side lobes, min.: ETSI TS3, ETSI TS 2
- Cross polarization, min.: V-pol: -26 dB, -26 dB, -23 dB, -23 dB, -23 dB; H-pol: -23 dB, -25 dB, -23 dB, -20 dB, -15 dB
- Front-to-back ratio, min.: ETSI TS3
- Port-to-port isolation, typ.: -30 dB
- Input power, max.: 10 Watt
- Input impedance: 50 Ohm
- Lightning protection: DC grounded

Mechanical

- Dimensions (H x W x D): 600 x 600 x 22 mm (23.5" x 23.5" x 0.86")
- Weight: 4.7 kg
- Connector (without enclosure): 2x N-type female
- Connector (with enclosure): 2x SMA
- Back plane: Aluminum protected through chemical passivation
- Radome: UV protected Polycarbonate
- Enclosure - small: 171 x 167 x 68 mm (external dimension)
- Mount: MNT-60A mount

Environmental

- Operating temperature range: -40°C to +65°C
- Vibration: According to IEC 60721-3-4
- Wind load: 200 km/h (survival)
- Flammability: UL94
- Water proofing: IP-67
- Humidity: ETS 300 019-1-4,EN 302 085 (annex A.1.1)
- Salt fog: According to IEC 68-2-11

Specifications

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