Item no.: MA-WC56-DP17B_M

MARS MA-WC56-DP17B - Dual Polarized Base Station Antenna, 60°, Incl. mounting

357,25 EUR

Item no.: MA-WC56-DP17B_M
shipping weight: 2.66 kg
Manufacturer: MARS Antennas

Product Description

MARS MA-WC56-DP17B - Dual Polarized Base Station Antenna, 60°

MARS 60° broadband dual polarized sector antenna provides a cost effective solution for large scale WLL, WLAN, H-LAN, ISM, UNII, Public Safety, Municipal MESH Networks and point-to-multipoint applications.Additional Features:

- Stable performance with 17/18 dBi of gain
- Compact size allowing easy blending with any environment
- Tilt mount allowing quick and easy installation
- UV protected radome suitable for harsh environment installations

Electrical

- Frequency range: 4.9 - 6.1 GHz
- Gain, typ.: V-pol: 18 dBi; H-pol: 17 dBi
- VSWR, max.: 1.7:1
- Polarization: Dual, vertical & horizontal
- 3 dB beam-width, H-plane, typ.: 60°
- 3 dB beam-width, E-plane, typ.: 8°
- Side lobes, min.: V-pol. ETSI EN 302 085 V1.2.3 – CS2; H-pol. ETSI EN 302 085 V1.2.3 – CS3
- Cross polarization, typ.: -16 dB
- Front-to-back ratio, min.: -30 dB
- Port-to-port isolation, typ.: -40 dB
- Input power, max.: 10 Watt
- Input impedance: 50 Ohm
- Lightning protection: DC grounded

Mechanical

- Dimensions (H x W x D): 370 x 370 x 40 mm (14.5" x 14.5" x 1.6")
- Weight: 1.8 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 - large: 287 x 287 x 68 mm (external dimension)
- Mount: MNT-22 mount

Environmental

- Operating temperature range: -55°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
- Ice and snow: 25 mm radial (survival)

Specifications