

Item no.: MA-WO56-DP10

MARS MA-WO56-DP10 - Dual Polarization Omni Directional Antenna

from **121,68 EUR**

Item no.: MA-WO56-DP10
shipping weight: 0.37 kg
Manufacturer: MARS Antennas



Product Description

MARS MA-WO56-DP10 - Dual Polarization Omni Directional Antenna

MARS 4.9-5.9GHz dual polarization omni directional antenna provides a cost effective solution for large scale WLL, WLAN, ISM and point-to-multi point applications. The UV protected radome is suitable for harsh environment installations. The antenna features a stable performance with exceptional 10 dBi of gain. Applications:

- MESH networks
- Point-to-point applications

Specifications

Electrical

Frequency range: 4.9 - 5.9 GHz

Gain, typ. 4.9-5.1 GHz vertical (at) 8d Bi and horizontal (at) 10 dBi; 5.1-5.9 GHz vertical & horizontal (at) 10 dBi

VSWR, 1.7:1 typ.: 4.9-5.1 (at) 2.5:1 max.; 5.1-5.9 (at) 2:1 max.

Polarization: Dual Polarized, vertical and horizontal

3 dB beam-width, azimuth, typ.: Omni-directional

3 dB beam-width, elevation, typ.: 11°

Port-to-port isolation: -30 dB typ.; -20 dB min.

Input power, max.: 10 Watt

Lightning protection: DC Grounded

Input impedance: 50 OhmMechanical

Dimensions (height x diameter): 355 x 66 mm (14" x 2.6")

Weight: 370 gr.

Connector: 2x N-type, female

Radome: UV protected Polycarbonate

Mount: 2 pole mountEnvironmental

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

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prices and availability



