

Item no.: MA-WA27TB-DP8B\_M

## MA-WA27TB-DP8 - Triple Band, Dual Polarized Directional Antenna

# 327,25 EUR

Item no.: MA-WA27TB-DP8B\_M  
 shipping weight: 2.00 kg  
 Manufacturer: MARS Antennas



### Product Description

#### MA-WA27TB-DP8 - Triple Band, Dual Polarized Directional Antenna

This triple band, dual polarized antenna covers all the bands for LTE, 3G, 2.5G and 2G cellular, as well as ISM, WLAN, Bluetooth, GSM 900, GSM 1900 and WiFi. It features 2x RF connectors for 698-2700 MHz (vertical and horizontal) and 2x RF connectors for 5100-5900 MHz (vertical and horizontal).

The antenna is easily installed and highly recommended as an outstanding solution for outdoor installations as well as in-building installations.

#### Electrical

- Frequency range: 698-960 MHz; 1695-2300 MHz; 2300-2700 MHz; 5100-5900 MHz
- Gain, typ.: 7.5 dBi; 8 dBi; 10 dBi; 9 dBi
- VSWR, max.: 2.0:1; 2.0:1; 2.0:1; 2.0:1
- Polarization, dual-pol: Vertical & horizontal
- Port-to-port isolation, min.: -35 dB; -29 dB; -29 dB; -40 dB
- 3 dB beam-width, E-plane, typ.: 70°; 50°; 40°; 60°
- 3 dB beam-width, H-plane, typ.: 75°; 75°; 54°; 60°
- Front-to-back ratio, min.: -20 dB; -22 dB; -25 dB; -30 dB
- PIM, typ.: -150 dBc
- Input power, max.: 50 Watt
- Impedance: 50 Ohm
- Lightning protection: DC Grounded

#### Mechanical

- Dimensions (H x W x D): 400 x 308 x 126 mm (15.74 x 12.12 x 4.96 )
- Connector: 4x N-type female connectors
- Weight: 2 kg
- Mounting: MNT-22 mount
- Radome: UV protected plastic
- Back plane: Aluminum protected through chemical passivation

#### 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-65
- 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  
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All details, up-to-date  
prices and availability



