

Item no.: LGMDM4B-6-60-24-58

LGMDM4B-6-60-24-58 - Vehicle antenna 4x4 MiMo 4G/5G + 2x2 MiMo WiFi + **GPS/GNSS**

from **272,83 EUR**Item no.: LGMDM4B-6-60-24-58

shipping weight: 0.40 kg Manufacturer: Panorama Antennas



Product Description

LGMDM4B-6-60-24-58 - Vehicle antenna 4x4 MiMo 4G/5G + 2x2 MiMo WiFi + GPS/GNSS

The MAKO 5G Dome is a range of high-performance 4x4 MiMo antennas covering 617-960/1710-6000 MHz with optional GPS/GNSS and optional 2x2, 3x3 or 4x4 or 6x6 MiMo/diversity at 2.4/5.0 GHz.

The MAKO 5G Dome consists of up to 11 elements; four isolated high-performance antenna elements covering 617-960/1710-6000 MHz offer MiMo/diversity at cellular/LTE frequencies, up to 6 optional dual band elements covering 2.4 & 7.2 GHz support MiMo/diversity operation for Wi-Fi and an optional high-performance GPS/GNSS antenna with an integrated 26 dB gain LNA and high-quality filtering offers un-paralleled positioning accuracy. None of the antennas in this range require a metallic ground plane, and all maintain a high level of performance even when mounted on non-metallic surfaces.

Although the LTE elements are designed for 4x4 MiMo operation, it is possible to utilise these as 2 pairs of 2x2 MiMo for a router that has 2x SIMs (radio) in a failover configuration (i.e. only one SIM active at any time). As this configuration is using only 2 out of the 4 antennas for a single SIM, the network coverage should be checked to ensure that this use is

Guidance on correct connection of the LTE antennas is provided in the installation instructions. Please note: This antenna is not intended for use with a router that has 2x SIMs to provide concurrent or aggregated data operation, as there is not sufficient isolation between the MiMo pairs. Product Variant:

- Part number: LGMDM4B-6-60-24-58
- Color: BlackGPS/GNSS: 1562-1612 MHz 26 dB LNA
- Cellular/LTE: 4x4 MiMo: 617-960/1710-6000 MHz
- Wi-Fi: 2x2 MiMo: 2.4/5.0 GHz

Electrical Data

- LTE frequencies: 617-960/1710-6000 MHz
- Global positioning: Optional GPS/GNSS 1562-1612
 WiFi frequencies: MiMo 2.4/5.0 GHz

 Basks rate (ADN) 0
- Peak gain (dBi): 9
- LTE MiMo: 4x4WiFi MiMo: 2x2
- Max. input power (W): 10
- Pattern: Omni-directional
- Ground plane independent: Yes

Mechanical Data

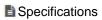
- · Available colors: Black or white
- Height (mm): 80 • Diameter (mm): 180
- Operating temperature: -40°C/+85°C

Mounting Data

- Mounting type: Panel mount
 Mounting method: 18 mm (3/4") mounting bush

Approvals Data

• IP rating: IP69K



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