

Item no.: LPMM4B-6-60

## LPMM4B-6-60 - Vehicle antenna 4x4 MiMo 4G/5G

from **242,16 EUR**

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shipping weight: 0.40 kg

Manufacturer: Panorama Antennas



### Product Description

LPMM4B-6-60 - Vehicle antenna 4x4 MiMo 4G/5G

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 suitable.

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: LPMM4B-6-60
- Color: Black
- GPS/GNSS: N/A
- Cellular/LTE: 4x4 MiMo: 617-960/1710-6000 MHz
- Wi-Fi: N/A

### Electrical Data

- LTE frequencies: 617-960/1710-6000 MHz
- Global positioning: Optional GPS/GNSS 1562-1612
- WiFi frequencies: MiMo - 2.4/5.0 GHz
- Peak gain (dBi): 9
- LTE MiMo: 4x4
- WiFi MiMo: 2x2; 3x3; 4x4; 6x6
- 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

## Specifications

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prices and availability

