

Item no.: BSM-450-6-60-05NJ

BSM-450-6-60-05NJ - MiMo 4G/5G Omni Antenna, N (f) Connector



from **147,24 EUR**

Item no.: BSM-450-6-60-05NJ

shipping weight: 1.00 kg

Manufacturer: Panorama Antennas

Product Description

BSM-450-6-60-05NJ - MiMo 4G/5G Omni Antenna, N (f) Connector

The BSM-450-6-60 antenna is a MiMo omni-directional broad band antenna range for 4G/5G devices. It covers 450-470/617-960/1427-6000 MHz and is suitable for external or internal installation.

The mounting bracket enables simple wall mounting using the supplied screws and wall plugs and mast/rail mounting using the supplied clamps.

The omni-directional radiation pattern allows easy placement of the antenna in an elevated position, without requiring directional alignment.

This antenna is an ideal solution for IoT use in industrial and domestic environments for cellular modems/routers and Machine to Machine (M2M) wireless connectivity applications.

The weather and corrosion resistant design also makes the antenna suitable for certain marine and costal applications and a 1"-14TPI adapter (P/N: SAB-315) is available for fitment to standard marine bases.

Electrical Data

- Frequency range (MHz): Elements 1 & 2: 450-470/617-960/1427-6000
- Operational band: Elements 1 & 2: 460/2G/3G/4G/5G
- Peak Realised Gain: Isotropic (Elements 1 & 2): 450-470 MHz: 2 dBi; 617-960 MHz: 3 dBi; 1427-2700 MHz: 6 dBi; 3400-4200 MHz: 6dBi; 4.9-6 GHz: 6 dBi
- Typical VSWR: <2.5:1
- Correlation co-efficient: < 0.1
- Polarisation: Vertical
- Pattern: Omni-directional
- Impedance: 50 Ω
- Max. input power (W): 10

Mechanical Data

- Dimensions (mm): Height excl. bracket: 601 (23.66"); Diameter: 86 (3.38")
- Operating temp ($^{\circ}$ C): -40 $^{\circ}$ /+85 $^{\circ}$ C (-40 $^{\circ}$ /185 $^{\circ}$ F)
- Material: ASA, stainless steel
- Material approvals: Radome ASA material - UL 746C F1, UL 94-HB
- Colour: White & natural
- Ingress protection: IP67

Mounting Data

- Fixing: Wall, mast, rail or panel mount (1"-14TPI marine adapter available - PN: SAB-315)
- Max. mast/rail diameter (mm): 50 (1.96")

Cable Data

- 4G/5G cables: Type: CS32 (EN45545-2 & UN ECE R118 compliant); Diameter (mm): 5 (0.19"); Length (m): 0.5 (1' 6"); Termination: N (f)

Specifications

**Scan this QR code to
view the product**
All details, up-to-date
prices and availability



