

Item no.: BATGM-7-60-S24-58

BATGM-7-60-S24-58 - Dash Mount GPS/GNSS, WiFi 4G/5G Antenna

from **117,71 EUR**

Item no.: BATGM-7-60-S24-58
shipping weight: 0.60 kg
Manufacturer: Panorama Antennas



Product Description

BATGM-7-60-S24-58 - Dash Mount GPS/GNSS, WiFi 4G/5G Antenna

The Panorama BATG range is designed for Telematics applications requiring high speed data with MiMo 4G/5G and fallback 3G/2G support along with optional positioning through GPS/GNSS, and optional 2.4/5.0-7.2 GHz WiFi 6e. The isolated dual 4G/5G antennas cover 617-960/1710-6000 MHz and the efficient element design ensures a high first time connection rate and an ongoing, robust communications link even in many low coverage areas.

The antenna is designed to be mounted on or under a vehicle dashboard but can be mounted on any non-conductive surface. The BATG range is supplied with up to five integrated low loss cables which are flame retardant and meet the requirements of UN ECE 118.

Electrical Data

- Frequency range (MHz): Elements 1&2: 617-960/1427-6000; Element 3: 1562-1612 MHz; Elements 4 (&5): 2.4/5.0-7.2 GHz
- Peak gain: Elements 1&2: 2 dBi (617-960 MHz)/3 dBi (1710-2170 MHz)/6 dBi (2500-3800 MHz)/7 dBi (4.9-6.0 GHz); Element 4 (&5): 4 dBi (2.4 GHz)/6 dBi (5.0 GHz)/4 dBi (6.0-7.2 GHz)
- Typical VSWR: Elements 1&2: <2:1; Element 4 (&5): <2.5:1
- Typical efficiency: Elements 1&2: >60%; Element 4 (&5) >55% (2.4 GHz)/>70% (5.0 GHz)
- Typical isolation: Elements 1&2: <10 dB; Elements 4 (&5): <17 dB
- Pattern: Omnidirectional
- Impedance: 50 Ohms
- Max. input power (W): 20

GPS/GNSS Data

- Frequency range (MHz): 1559-1612 MHz
- LNA peak gain: 26 dB
- Typical out-of-band rejection: >40 dB (+/-100 MHz f)
- Notch filter rejection @ 787 MHz: 23 dBm
- Typical voltage: 3-5 V DC <20 ma

Mechanical Data

- Dimensions (mm): Length: 214 (8.4"); Width: 77 (3"); Height: 16.5 (0.65")
- Operating temperature (°C): -30/+70 (-30°F/158°F)
- Material: ASA
- Color: Black

Mounting Data

- Fixing: Adhesive pad

Cable Data

- Cable type: Elements 1&2: CS32 (meets UN ECE 118 and EN45545-2); Element 3: FR RG174 (meets UN ECE 118 and EN45545-2); Elements 4 (&5): CS32 (meets UN ECE 118 and EN45545-2)
- Diameter (mm): Elements 1&2: 5 (0.2"); Element 3: 2.8 (0.1"); Elements 4 (&5): 5 (0.2")
- Length (m): Elements 1&2: 3 (10'); Element 3: 3 (10'); Elements 4 (&5): 3 (10')
- Termination: Elements 1&2: 2x SMA plug (m); Element 3: SMA plug (m); Elements 4 (&5): 1x rev pol SMA plug

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