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WAM5G

5G Wall Antenna Multiband 450 - 470 and 698 - 3800 MHz

WAM5G is a long range high gain multiband antenna, covering 698 – 3800 MHz. This wall mounted antenna is suitable for GSM(2G), UMTS(3G), LTE(4G) and 5GNR(5G) devices.

The antenna supports Public Safety, LTE700/800 MHz, IOT/M2M, 868/915 MHz, cellular/mobile, 2G/3G/4G/5G, CCTV, security, smart metering, remote telemetry applications and etc.

- 5G 700/800/900/1500/1800/2100/2600/3500/3800
- 4G LTE700/800/1800/1900/2600
- 3G UMTS700/800/900/2100
- 2G GSM850/900/1800/1900
- WiFi 2.4 GHz

ELECTRICAL SPECIFICATIONS

| | |
|-------------------|---|
| FREQUENCY | 698 - 960 MHz, 1427 - 1518 MHz, 1710 - 2170 MHz, 2300 - 2690 MHz, 3300 - 3800 MHz |
| BANDS | 5G 700/800/900/1500/1800/2100/2600/3500 MHz LTE 700/800/1800/1900/2600 MHz UMTS 700/800/900/2100 MHz GSM 850/900/1800/1900 MHz WiFi 2.4 GHz |
| BANDWIDTH | See "FREQUENCY" |
| ANTENNA TYPE | End-fed 1/2 λ dipole - no groundplane needed |
| IMPEDANCE | 50 ohm |
| VSWR | < 3.0:1 (698- 960 MHz) < 2.5:1 (1427- 2690 MHz/ 3300 - 3800 MHz) |
| GAIN | 0 dBd, 2.15 dBi (698-960 MHz) 3 dBd, 5.15 dBi (1427-1518/1710-2170 MHz) 7 dBd, 9.15 dBi (2300-2690/3300-3800 MHz) |
| RADIATION PATTERN | Omni-directional |
| MAX. INPUT POWER | 100 W |



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MECHANICAL SPECIFICATIONS

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|-----------------------|---|
| COLOR | White and black |
| LENGTH | 457 mm |
| WEIGHT | Approx. 260 g |
| MOUNTING PLACE | On wall or pole |
| MATERIALS | UV Protected PC, PTFE, PE and solid brass |
| SURVIVAL WIND SPEED | 55 m/s (125 mph) |
| OPERATING TEMPERATURE | -55C to +70C (IEC 60068-2-1, IEC 60068-2-2) |
| CONNECTOR | N-female |
| CABLE | No cable supplied |
| INGRESS PROTECTION | IP66 |
| VIBRATION | IEC 60068-2-6, IEC 60068-2-64 |
| SERIAL NO. | On product label |



ORDERING INFORMATION

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|-----------|---|
| 40102-000 | Antenna only (Bulk packing) |
| 40102-001 | Antenna only (Polybag) |
| 40102-011 | Antenna + Wall Bracket + Mounting Kit (Polybag) |
| 40102-021 | Antenna + Pole Bracket + Mounting Kit (Polybag) |
| 10103-011 | Bracket + Mounting Kit (Polybag) |

PACKAGING INFORMATION

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|------|--|
| TYPE | Bulk packing or individually packing in Polybag (See "ORDERING INFORMATION") |
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