# WAM5G

## 5G Wall Antenna Multiband 698 - 3800 MHz

WAM5G is a long range high gain multiband antenna, covering 698 – 3800 MHz. This wall mounted antenna is sutiable 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<br>LTE 700/800/1800/1900/2600 MHz<br>UMTS 700/800/900/2100 MHz<br>GSM 850/900/1800/1900 MHz<br>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)<br>< 2.5:1 (1427- 2690 MHz/ 3300 - 3800 MHz) |
| GAIN | 0 dBd, 2.15 dBi (698-960 MHz)<br>3 dBd, 5.15 dBi (1427-1518/1710-2170 MHz)<br>7 dBd, 9.15 dBi (2300-2690/3300-3800 MHz) |
| RADIATION PATTERN | Omni-directional |
| MAX. INPUT POWER | 100 W |


Disclaimer: Here you find all products for a complete antenna system. One-stop supplier with focus on high quality products produced in EU. No matter which type of antenna you are searching for, you will find it here. Every effort has been made to ensure the accuracy of the information in this product sheet. Scan Antenna reserves the right to introduce changes to this information without notice. All rights reserved.

## MECHANICAL SPECIFICATIONS



| | |
|---|---|
| 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

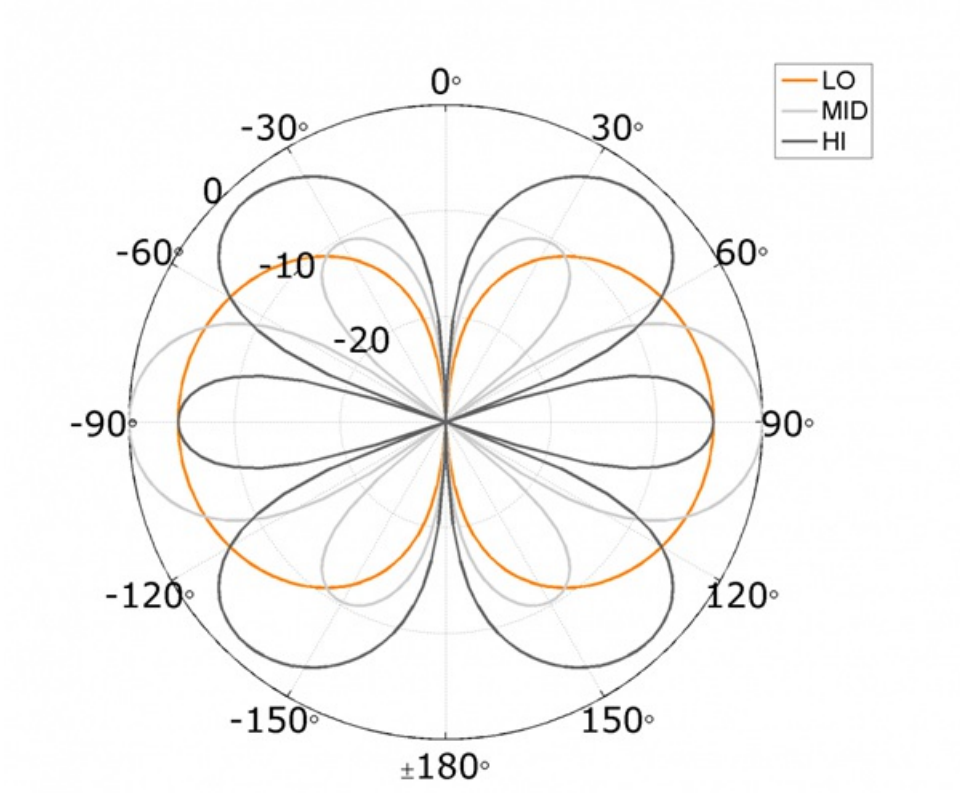
| | |
|---|---|
| 40102-000 | Antenna only (Bulk packing) |
| 40102-001 | Antenna only (Polybag) |
| 40102-011 | Antenna + Wall Bracket + Mounting Kit (Polybag) |
| 40102-021 | Antenna + Pole Bracket + Mounting Kit (Polybag) |
| 10103-011 | Bracket + Mounting Kit (Polybag) |

## PACKAGING INFORMATION

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


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