

# WAM5G-plus

## 5G Multiband Antenna 450 - 3800 MHz

WAM5G-plus is a long range high gain multiband antenna, covering 450 - 470 and 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, LTE450/700/800 MHz, IOT/M2M, 868/915 MHz, cellular/mobile, 2G/3G/4G/5G, CCTV, security, smart metering, remote telemetry applications and etc.

- 5G 450/700/800/900/1500/1800/2100/2600/3500/3800
- 4G LTE450/700/800/1800/1900/2600
- 3G UMTS700/800/900/2100
- 2G GSM450/850/900/1800/1900
- WiFi 2.4 GHz

## ELECTRICAL SPECIFICATIONS

FREQUENCY	450 - 470 MHz, 698 - 960 MHz, 1427 - 1518 MHz, 1710 - 2170 MHz, 2300 - 2690 MHz, 3300 - 3800 MHz
BANDS	5G 450/700/800/900/1500/1800/2100/2600/3500 MHz LTE 450/700/800/1800/1900/2600 MHz UMTS 700/800/900/2100 MHz GSM 450/850/900/1800/1900 MHz WiFi 2.4 GHz
BANDWIDTH	See "FREQUENCY"
ANTENNA TYPE	End-fed 1/2 $\lambda$ dipole - no groundplane needed
IMPEDANCE	50 ohm
VSWR	< 3.0:1 (450 - 470 MHz/698 - 960 MHz) < 2.5:1 (1427 - 2690 MHz/ 3300 - 3800 MHz)
GAIN	0 dBd, 2.15 dBi (450 - 470 MHz/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



## Datasheet

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## MECHANICAL SPECIFICATIONS

COLOR	White and black
LENGTH	640 mm
WEIGHT	Approx. 340 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

40103-001	Antenna only (Polybag)
40103-011	Antenna + Wall Bracket + Mounting Kit (Polybag)
40103-021	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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