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 sutiable 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 λ 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

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	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

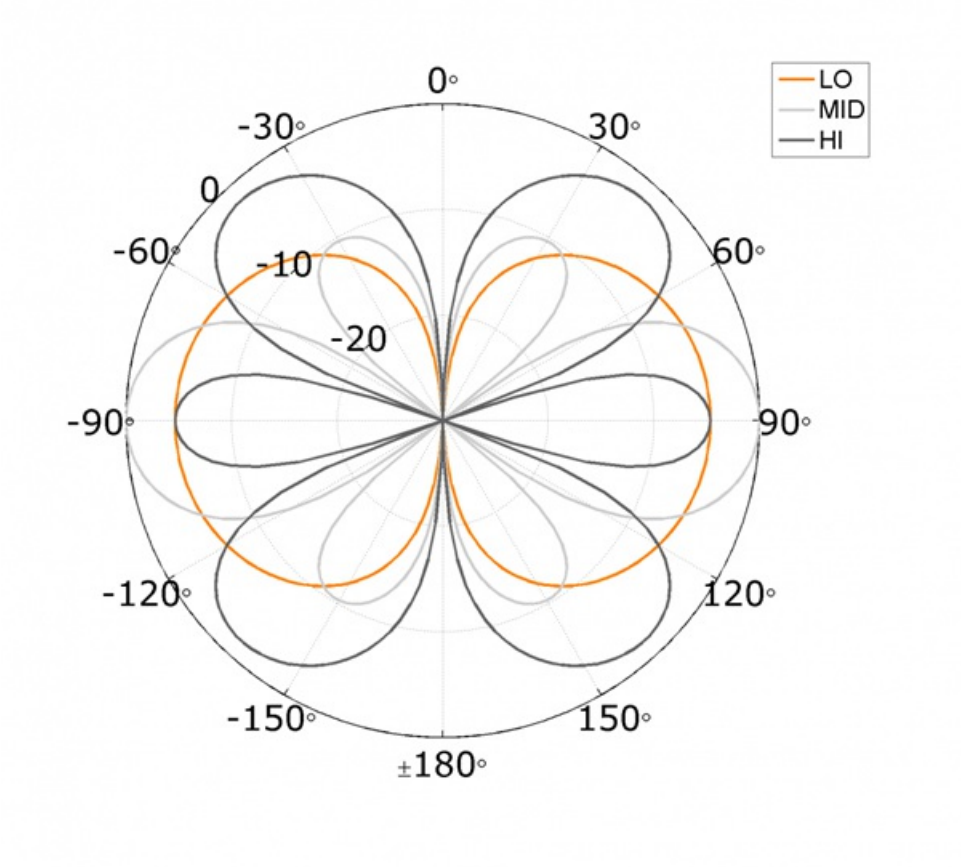
40103-001	Antenna only (Polybag)
40103-011	Antenna + Wall Bracket + Mounting Kit (Polybag)
40103-021	Antenna + Pole Bracket + Mounting Kit (Polybag)
10103-011	Bracket + Mounting Kit (Polybag)

PACKAGING INFORMATION

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

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