



PANORAMA
ANTENNAS



Transportation

Over 75 Years of Experience

Panorama Antennas is a privately owned family business, now in its third generation, and leading designer and manufacturer of antennas for wireless communication. Established in London in 1947, Panorama started life as a manufacturer of consumer products and buoyed by huge demand in 1952, began manufacturing TV components and antennas. With the transistor radio trend of the 1960s, Panorama’s expert knowledge swiftly led the company into the manufacturing of communication antennas.

Throughout the 1970s and 80s, Panorama evolved to become the first specialised communication antenna manufacturer in the UK, developing a range of cellular antennas to coincide with the launch of the mobile phone network in Britain. 1990 was a year of huge change as Panorama found itself revolutionising cellular glass mount antenna technology, filing a patent application for the first ever solid state coupling circuit. Through creating a new benchmark for quality in the production of components and leading technology development, Panorama has grown side by side with the cellular telecommunications industry.

Today Panorama produces antennas for the world’s leading communication companies and has grown to include over 150 employees in five international sales offices, as well as operating four fully owned subsidiaries. Manufacturing, design and development remain located in London less than a mile from the original factory. Our network of international sales representatives means that all customers get the attention and advice they require, providing local support on a global scale.

Antennas for the Next Generation

Panorama’s constant cutting-edge research ensures that our antennas meet the demands of the very latest technology. With 75 years experience in delivering world-class antenna products, Panorama’s current product range reflects our unparalleled expertise in providing high-quality performance antennas.

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Mobility



Megalodon® 8x 4G/5G Low-Profile Antenna



- 8x 4G/5G elements (2x 4x4 MiMo)
- Up to 8x8 MiMo dual-band WiFi 6e/7
- Up to 2 GPS/GNSS L1 or L1/L5 bands
- Meets IK10 and IP69K
- UN ECE R118 compliant cables

The antenna is designed to be panel mounted and can be fitted on a conductive or non-conductive panel. Supplied with integrated flame retardant low-loss CS30 cables (compliant to UN ECE R118) and a halogen free, flame retardant radome, the antenna is suitable for many environments and applications, including public safety and transportation.

The industry leading Megalodon® range has been developed to provide 2x 4x4 MiMo 4G/5G antenna systems covering 617-960/1427-6000MHz within a robust low-profile package. Covering global cellular bands for future-proof performance, the antenna provides effective functionality for 2x 4G Cat 18/20 and/or 5G modems. This can be combined with a number of other functions including single/dual band GPS/GNSS and up to 8x8 MiMo WiFi elements covering 2.4/5.0-7.2GHz (WiFi 6e/7).

The LGM variants have an integrated GPS/GNSS module supporting either L1 only or L1/L5 frequencies. This GPS module features advanced filtering for LTE B13/14 designed to minimise potential in band interference.

The antenna is available with a black or white radome which meets IK10 for vandal resistance and IP69K for ingress protection.

Part no.	GPS/GNSS	MiMo 4G/5G	MiMo WiFi
LGMOM8-6-60	•	8x8	8x8
LGMHM8-6-60	•	8x8	6x6
LGMQM8-6-60	•	8x8	4x4
LGMDM8-6-60	•	8x8	2x2
LGMM8-6-60	•	8x8	
LPMM8-6-60		8x8	

*Part numbers refer to the white version only. Antenna only part number shown above. For antenna with full cable kit parts, contact your sales representative.



5G Great White® 4G/5G 2x2 MiMo Dome



- 2x2 MiMo 5G/4G
- 617-960/1427-6000MHz
- Optional integrated GPS/GNSS
- Up to 6x6 MiMo Wi-Fi 2.4/5.0-7.2GHz
- UN ECE R118 compliant cables
- IP69K and IK10 rated

The LPMM/LGMM range provides effective 2x2 MiMo operation with excellent isolation and low correlation coefficient. Optional GPS/GNSS module incorporates advanced filtering. Available in black or white.

Part no.*	MiMo 4G/5G	MiMo Wi-Fi	GPS/GNSS
LPMM-6-60	2x2		
LGMM-6-60	2x2		•
LGMDM-6-60-24-58	2x2	2x2	•
LGMTM-6-60-24-58	2x2	3x3	•
LGMQM-6-60-24-58	2x2	4x4	•
LGMHM-6-60-24-58	2x2	6x6	•

*Part numbers refer to the white version only. Antenna only part number shown above. For antenna with full cable kit parts, contact your sales representative



Mako® 5G 4x4 MiMo Dome



- 4x4 MiMo 5G/4G
- 617-960/1710-6000MHz
- Optional integrated GPS/GNSS
- Up to 6x6 MiMo Wi-Fi 2.4/5.0GHz
- UN ECE R118 compliant cables
- IP69K and IK10 rated

The LPMM4/LGMM4 enables multiple antenna functions to be fitted using a single-hole mount. Designed for use with routers that require a 4x4 5G/4G LTE MiMo antenna system. Optional GPS/GNSS module incorporates advanced filtering. Available in black or white.

Part no.*	MiMo 4G/5G	MiMo Wi-Fi	GPS/GNSS
LPMM4-6-60	4x4		
LGMM4-6-60	4x4		•
LGMDM4-6-60-24-58	4x4	2x2	•
LGMTM4-6-60-24-58	4x4	3x3	•
LGMQM4-6-60-24-58	4x4	4x4	•
LGMHM4-6-60-24-58	4x4	6x6	•

*Part numbers refer to the white version only. Antenna only part number shown above. For antenna with full cable kit parts, contact your sales representative.



Heavy Duty SiSo Transit Antenna



- 5G/4G/3G/2G LTE, GSM-R or UHF
- 698-6000MHz or 380-520MHz (banded)
- Optional integrated GPS/GNSS
- Certified to rail industry standards

The TRNC series antenna has been designed specifically to meet railway engineering standards and features a DC grounded radiating element.

The TRNC antenna has a heavy duty cast aluminium base and is housed in a high impact, flame retardant radome moulded in Ultem which provides ingress protection to IP69K.

Part no.	LTE/GSM-R	GPS/GNSS	UHF
TRNC-7-60	•		
TRNCG-7-60	•	•	
TRNC-TET			380-430MHz
TRNCG-TET		•	380-430MHz
TRNC-S4			450-470MHz
TRNCG-S4		•	450-470MHz



Heavy Duty MiMo Transit Antenna



- 2x2 MiMo 5G/4G
- 698-960/1710-6000MHz
- Optional integrated GPS/GNSS with surge arrestor
- Fully rail industry certified
- IP69K rated

The TRNM[G]-7-60 2x2 MiMo antenna series is designed specifically for use on trains (under/overground), trams and buses. Incorporating two DC grounded wideband elements for 698MHz to 6000MHz, the TRNM(G) range is versatile and future-proof. The TRNM(G)-7-60 series is suitable for use with all cellular 4G/5G bands and 2.4/5GHz Wi-Fi. The antenna is certified to EN50155, EN45545 and EN50124 (40Ka 100ms) making it ideal for rolling stock applications.

Part no.	GPS/GNSS	MiMo 4G/5G
TRNM-7-60-NJ		2x2
TRNMG-7-60-NJ	•	2x2



4x4 MiMo 4G/5G Transit Antenna



- Low-profile transit antenna
- 4x4 MiMo 617-960/1427-6000MHz
- Up to 4x4 MiMo WiFi 6e
- Up to 2x GPS/GNSS L1
- Meets railway standards EN50155, EN45545-2 and EN50124-1

The TRNM[X]4-6-60[-X] MiMo antenna series is designed specifically for use on trains (under/overground), trams and buses. Incorporating four wideband elements, covering 617MHz to 6000MHz the TRNM[X]4-6-60[-X] range is versatile and future-proof. The antenna is certified to EN50155, EN45545 and EN50124 (40Ka 100ms) making it ideal for rolling stock applications.

Part no.	GPS/ GNSS	MiMo 4G/5G	MiMo WiFi
TRNMG4-6-60-Q	•	4x4	4x4
TRNMG4-6-60-T	•	4x4	3x3
TRNMG4-6-60-D	•	4x4	2x2
TRNMG4-6-60-S	•	4x4	SiSo
TRNMG4-6-60	•	4x4	
TRNM4-6-60		4x4	



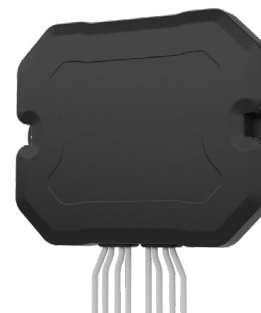
Internal MiMo 4G/5G Antenna



- 4G/5G MiMo 698-960/1427-6000MHz
- Optional 2x2 MiMo WiFi
- Active GPS/GNSS with advanced B13/14 filtering
- Covert/discrete adhesive internal antenna

The BAT[X]-7-60 range is a discrete or covert 2x2 MiMo antenna solution for 4G/5G with the option of GPS/GNSS, and 2x2 dual band 2.4/5.0GHz WiFi. The antenna is designed for no-drill adhesive installation inside vehicles and is fitted with 3m (10') cables compliant with UN ECE R118.

Part no.	GPS/ GNSS	MiMo 4G/5G	MiMo WiFi
BATGM-7-60-24-58	•	2x2	2x2
BATGM-7-60	•	2x2	
BATM-7-60		2x2	



4x4 MiMo 4G/5G BAT Antenna



- 4x4 MiMo 617-960/1427-6000MHz
- Up to 4x4 MiMo WiFi 6e/7 (optional)
- GPS/GNSS L1 or L1/L5 (optional)
- Adhesive or screw mount to any non-conductive surface
- Mount on or under vehicle dashboard or parcel shelf
- Suitable for mobility or enterprise/branch applications

The BAT[X]M4 range is a discreet or covert 4x4 MiMo antenna solution for 4G / 5G with the option of GPS/GNSS, and 2x2, 3x3 or 4x4 dual band 2.4/5.0-7.2GHz WiFi 6e/7. The 4G/5G antenna elements cover 617-960/1427-6000MHz to provide a robust communications link to ensure high data rates even in challenging network coverage areas.

Part no.	MiMo 4G/5G	MiMo WiFi	GPS/ GNSS
BATGM4-6-60-Q	4x4	4x4	•
BATGM4-6-60-T	4x4	3x3	•
BATGM4-6-60-D	4x4	2x2	•
BATGM4-6-60	4x4		•



Fez 5G Antenna



- 5G/4G/3G/2G
- 617-960/1427-6000MHz SiSo element
- Optional 2x2 or 4x4 MiMo WiFi
- Optional integrated GPS/GNSS antenna
- Does not require a ground plane

The Fez 5G antenna series is a range of low-profile antennas that features a wideband cellular element covering 617-960/1427-6000MHz with option to include an active GPS/GNSS antenna and up to four dual-band WiFi 6e elements all in a robust compact housing.

Part no.	4G/5G	GPS/ GNSS	SiSo WiFi	MiMo WiFi
LPE-6-60	•			
LGE-6-60	•	•		
LGE-6-60-SW	•	•	•	
LGE-6-60-DW	•	•		2x2
LGE-6-60-QW	•	•		4x4

*Part numbers refer to the black version only. Antenna only part number shown above. For antenna with full cable kit parts, contact your sales representative.



Low-profile LTE Antenna



- 5G/4G/3G/2G
- 698-960/1710-3800MHz
- Optional 2.4/5.0GHz Wi-Fi
- Optional integrated GPS/GNSS
- Ground plane independent
- Meets IK10, IP69K, UL94-V0, ECE R118, UL746C

The LP-7-38 antenna series is a range of very low-profile antennas incorporating a combination of wideband cellular element covering 4G/5G frequencies along with an optional active GPS/GNSS patch with 26dB LNA gain and an optional dual-band Wi-Fi element all in a robust compact housing. The compact dome shaped housing is designed to minimise opportunities for vandalism and the antenna has an IK10 and IP69K rating when properly installed.

Part no.	Cable & Connector
LP-7-38-ISP	1m (3') SMA Male
LP-7-38-3SP	3m (10') SMA Male
LP-7-38-IFAK	1m (3') FAKRA D
LG-7-38-ISP	1m (3') SMA Male
LG-7-38-3SP	3m (10') SMA Male*
LG-7-38-24-58-ISP	1m (3') SMA Male*
LG-7-38-24-58-3SP	3m (10') SMA Male*

*Wi-Fi cable has Reverse Polarity SMA

Internal On-Glass UHF Antenna



- Semi covert window mount antenna
- Install with no vehicle damage
- Flexible moulding to allow fitting to curved glass

The EF 'Easyfit' antenna provides an effective low visibility solution ideal for permanent or temporary installation. Available for UHF and 7/800MHz and bands.

Part no.	Frequency (MHz)
EF-S1	380-400
EF-S2	410-430
EF-S3	380-420
EF-S4	450-470
EFBAD	760-960

*Comes supplied with 3m (10ft) or 5m (17ft) of coax and a range of connectors to suit

Internal LTE/GNSS Puck Antenna



- 4G/3G/2G LTE
- 698-960/1710-2700MHz SiSo
- Integrated GPS/GNSS
- Windscreen or dashboard mount
- Adhesive pad fixing
- Flexible mounting system

The GPSC series is a combined cellular/LTE + active GPS/GNSS antenna for internal or covert installation. This discrete antenna is an ideal solution for tracking or navigation systems and offers much improved performance over embedded antennas.

Part no.	Cable & connector
GPSC-7-27-3SP	3m (10') SMA Male
GPSC-7-27-3FAKRA	3m (10') FAKRA D (Cell) 3m (10') FAKRA C (GPS)

Stingray SiSo Internal Antenna



- Cellular, Wi-Fi and GPS/GNSS included
- Dashboard or windshield mount
- Suitable for M3 category vehicles (cables compliant with ECE R118)

This internal antenna offers a 3 in 1 solution ideal for telematics or other vehicle communications, where the antenna needs to be fitted discretely or for a no hole installation. The compact housing incorporates antennas for LTE/cellular, dual-band Wi-Fi and GPS/GNSS. Supplied with cables meeting the requirements of UN ECE R118, the antenna is suitable for use in M3 category vehicles (transportation). The antenna housing is UV resistant and flame-retardant, while the integrated coax cables are flame-retardant, low smoke specification.

Part no.	Cable & connector
GPSCO-7-27-24-58	3m (10') SMA Male
GPSCOF-7-27-24-58	3m (10') FAKRA D (Cell) 3m (10') FAKRA C (GPS) 3m (10') FAKRA I (Wi-Fi)

*Wi-Fi cable has Reverse Polarity SMA

IoT



The Clam[®] 4x4 MiMo 4G/5G IoT Antenna



- Low-profile IoT antenna
- 4x4 MiMo 698-960/1427-4200MHz
- Up to 4x4 MiMo WiFi 6e (optional)
- GPS/GNSS L1/L5 or L1 only 30dB/26dB LNA (optional)
- Meets IK10 and IP69K

The L[X]A[X]M4-7-42[-X] MiMo antenna is designed to be a one size fits all solution for IoT applications. The robust low-profile housing contains 4x 4G LTE/5G NR elements covering 698-960/1427-4200MHz. Versions of the product also contain up to 4x optional WiFi elements supporting WiFi 6e 2.4/5.150-7.125GHz and optional L1 only or L1/L5 GPS/GNSS.

Part no.	GPS/ GNSS	MiMo 4G/5G	MiMo WiFi
LGAQM4-7-42	•	4x4	4x4
LGADM4-7-42	•	4x4	2x2
LGAM4-7-42	•	4x4	
LPAM4-7-42		4x4	



The Clam[®] 4x4 MiMo Magnetic Mount 4G/5G IoT Antenna



- Low-profile IoT antenna
- 4x4 MiMo 698-960/1427-4200MHz
- Up to 4x4 MiMo WiFi 6e (optional)
- GPS/GNSS L1/L5 or L1 only 30dB/26dB LNA (optional)
- Meets IK10 and IP65

The L[X]A[X]MM4-7-42[-X] MiMo antenna is designed to be a one size fits all solution for IoT applications. The robust low-profile housing contains 4x 4G LTE/5G NR elements covering 698-960/1427-4200MHz. Versions of the product also contain up to 4x optional WiFi elements supporting WiFi 6e 2.4/5.150-7.125GHz and optional L1 only or L1/L5 GPS/GNSS. Designed for magnetic or adhesive mounting the magnetic Clam offers a cost-effective no-drill option for IoT installations.

Part no.	GPS/ GNSS	MiMo 4G/5G	MiMo WiFi
LGAQMM4-7-42	•	4x4	4x4
LGADMM4-7-42	•	4x4	2x2
LGAMM4-7-42	•	4x4	
LPAMM4-7-42		4x4	



EF-BC3G-26

EF-6-60

Internal SiSo Cellular Antenna



- 5G/4G/3G/2G
- 698-960/1710-2700MHz (EF-BC3G-26 version)
- 617-960/1427-6000MHz (EF-6-60 version)
- Simple adhesive pad fitment
- Can be fitted on glass or plastic panel

The EF antenna range provides a low cost adhesive fitment option for cellular applications. Typically fitted on a window or plastic panel versions are available covering 4G only (EF-BC3G-26) or 4G/5G (EF-6-60) frequencies. All versions are fitted with flexible RG174 cable for easy installation.

Part no.	Cable and connector
EF-BC3G-26-3SP	3m (10') SMA Male
EF-6-60-3FAKDJ	3m (10') FAKRA D Jack
EF-6-60-3SP	3m (10') SMA Male

MiMo LTE Panel Mount



- 2x2 MiMo 4G/5G 698-960/1710-3800MHz
- Optional integrated GPS/GNSS antenna
- Robust and cost effective
- Magnetic version available
- Low-profile and weatherproof housing

The LPAM/LGAM range has been designed to provide 2x2 MiMo LTE/cellular antenna function for IoT and M2M applications. The compact, robust low-profile housing is weatherproof and contains two cellular LTE antenna elements with effective isolation. A magnetic mount version is also available.

Part no.	GPS/ GNSS	Magnetic Base	Cable Length*
LPAM-BC3G-26-ISP			1m (3')
LPAMM-BC3G-ISP		•	1m (3')
LGAM-BC3G-26-ISP	•		1m (3')
LGAMM-BC3G-26-ISP	•	•	1m (3')
LPAM-BC3G-26-3SP			3m (10')
LPAMM-BC3G-3SP		•	3m (10')
LGAM-BC3G-26-3SP	•		3m (10')
LGAMM-BC3G-26-3SP	•	•	3m (10')

*SMA Male

MiMo 4G/5G + WiFi Panel Mount



- 2x2 MiMo 4G/5G 698-960/1710-3800MHz
- 2x2 MiMo WiFi 2.4/5.0GHz
- Optional integrated GPS/GNSS antenna
- Robust and cost effective solution
- Magnetic version available
- Low-profile fin design

The LPAM/LGAM range has a compact housing and is ideal for vending machines, payment terminals and other M2M type applications. It can be fitted on a metal or plastic mounting panel. A magnetic mount version is also available.

Part no.	GPS/ GNSS	Magnetic Base	Cable Length
LPAM-7-27-24-58			3m (10')
LPAM-7-27-24-58-IS			1m (3')
LPAMM-7-27-24-58-IS		•	1m (3')
LPAMM-7-27-24-58-3		•	3m (10')
LGAM-7-27-24-58	•		3m (10')
LGAMM-7-27-24-58-1	•	•	1m (3')
LGAM-7-27-24-58-IS	•		1m (3')
LGAMM-7-27-24-58-3	•	•	3m (10')

*Antenna supplied with SMA Male (LTE & GNSS) and Reverse Polarity SMA (WiFi)

4G/5G MiMo IoT Antenna



- 2x2 MiMo 4G/5G antenna
- Low-profile combination product
- Up to 7 antennas in 1 housing
- Covers wideband 617-960/1427-6000MHz
- Optional GPS/GNSS and up to 4x4 MiMo WiFi
- Meets IP69K

The LP[G]AM[F]-6-60 platform contains a 2x2 MiMo antenna function for 4G/5G (617-960/1427-6000MHz) and the option of 2x2, 3x3 or 4x4 MiMo dual-band WiFi, which supports WiFi 6E. An optional active antenna for GPS/GLONASS/Galileo/BeiDou can be included, with 26dB gain LNA and advanced filtering for LTE Band 13/14 operation.

Part no.	GPS/ GNSS	2G/3G/4G/5G MiMo LTE	MiMo WiFi
LGAM-6-60-Q24	•	2x2	4x4
LGAM-6-60-D24	•	2x2	2x2
LGAM-6-60	•	2x2	
LPAM-6-60		2x2	



Low-profile Panel Mount Antenna



- Cost effective 2G/3G/4G/5G antenna
- 617-960/1710-6000MHz
- Integrated ultra-low loss cable
- Robust, discrete design

The LPB-6-60 is supplied with integrated CS29 ultra-low loss coaxial cable and is available with various length and connectors fitted. This antenna is an ideal omnidirectional solution for use in industrial and domestic environments with cellular modems/routers and IoT & M2M wireless connectivity applications.

Part no.	Cable & Connector
LPB-6-60-05SP	0.5m (1'6") SMA Male
LPB-6-60-1SP	1m (3') SMA Male
LPB-6-60-2SP	2m (6'6") SMA Male
LPB-6-60-5SP	5m (17') SMA Male



4G/5G Bracket Mount Antenna



- Cost effective 2G/3G/4G/5G antenna
- 617-960/1710-6000MHz
- Wall or mast mount
- Integrated ultra-low loss cable

The B4BE-6-60 antenna is a cost effective omnidirectional multi-band antenna for 5G/4G/3G and 2G devices from 617-960/1710-6000MHz and is suitable for external or internal installation. The omnidirectional radiation pattern allows easy placement of the antenna in an elevated position.

Part no.	Cable & Connector
B4BE-6-60-05SP	0.5m (1'6") SMA Male
B4BE-6-60-2SP	2m (6'6") SMA Male
B4BE-6-60-5SP	5m (17') SMA Male



4G/5G Magnetic Mount Antenna



- Magnetic mount for 'no hole' installation
- 617-960/1710-6000MHz range (LPBEM)
- Covers 5G/4G/3G/2G

The LPBEM-6-60 is a low cost high performance magnetic mount antennas for temporary fit applications. At only 95mm (3.7") high and protected by a robust high impact radome the LPBEM covers global cellular frequencies from 617-960 MHz and 1710-6000 MHz.

Although intended for magnetic mounting on a conductive ground plane the antenna can also be used for desk mounting applications with some impact on performance.

Part no.	Cable & Connector
LPBEM-6-60-2SP	2m (6'6") SMA Male
LPBEM-6-60-5SP	5m (17') SMA Male



Bracket Mount 2G/3G/4G Antenna



- Discrete slim profile
- 2G/3G/4G functionality
- Does not require a ground plane

The B2BE-BC3G-26 is a low cost, effective antenna solution for M2M and IoT applications and is suitable for use in challenging environments. The antenna covers 698-960/1710-2700MHz and the efficient element design ensures a high first time connection rate and an ongoing, robust communications link even in many low coverage areas.

Part no.	Cable & Connector
B2BE-BC3G-26-5SP	5m (17') SMA Male



4G/5G IoT SiSo Antenna



- SiSo cellular IoT antenna
- 698-960/1710-4200MHz
- Robust and cost effective
- Low-profile and weatherproof housing

The LPA[L]-7-42 series is a range of highly efficient omnidirectional multi-band antennas for IOT devices suitable for external or internal installation. The design of the antenna enables simple wall mounting using the supplied screws and wall plugs, adhesive pad mounting or mast mounting using the supplied cable ties. The omnidirectional radiation pattern allows easy placement and flexible installation. The LPA versions are supplied with integrated flexible RG174 cable while LPAL versions are supplied with CS29 cable for longer cable runs up to 5m (16.4').

Part no.	Cable & Connector
LPA-7-42-2SP	2m (6.6') SMA Male
LPA-7-42-2RFDJ	2m (6.6') R/A FAKRA D
LPAL-7-42-5SP	5m (16.4') SMA Male

*R/A = Right Angle

Ultra Low-profile Puck Antenna



- Low-profile 'puck' design
- 698-960/1710-3800MHz
- Optional WiFi & GPS/GNSS function
- IP66 ingress & IK07 impact certified
- Mount on non-conductive (plastic) panel

The LP[G]P-7-38-[24-58] range is designed to provide a cost effective, robust, ultra low-profile antenna for M2M and IoT installations. Ideal for applications where low visibility to reduce risk of vandalism is required. The antenna includes a cellular element covering 698-960/1710-3800MHz and optional WiFi and GPS/GNSS elements. It is designed for mounting non-conductive panels.

Part no.	LTE	WiFi	GPS/ GNSS	Cable Length
LPP-7-38-ISP	•			1m (3') SMA Male
LGP-7-38-ISP	•		•	1m (3') SMA Male
LPP-7-38-24-58-ISP	•	•		1m (3') SMA Male
LGP-7-38-24-58-ISP	•	•	•	1m (3') SMA Male*

*WiFi cable has Reverse Polarity SMA





Ultra Low-profile WiFi/5G MiMo Antenna



- Ultra Low-profile
- Covers WiFi, 4G and 5G frequencies from 2.3-7.2GHz
- 2x2, 3x3 or 4x4 MiMo
- IP69K and IK10

The L[X]M[X]-24-72-[X] range has been designed to provide an optimised antenna solution for WiFi 6e/7 and some 5G applications requiring 2x2, 3x3 or 4x4 MiMo capability in a very low-profile package. The antenna is approved to EN50155 and EN45545 and with cables approved to UN ECE R118 the antenna is ideal for WiFi distribution for mass transit applications.

Part no.	MiMo WiFi	Cable Length & Connector
LPM2W-24-72-2RPSP	2x2	2m Rev Pol SMA
LPM3W-24-72-2RPSP	3x3	2m Rev Pol SMA
LPM4W-24-72-2RPSP	4x4	2m Rev Pol SMA



WiFi 2.4/5.0GHz Easyfit Antenna



- Adhesive mount antenna
- Install on window or plastic panel
- Dual-band WiFi 2.4/5.0GHz
- SMA or FAKRA I connector options

EF-24-58 is an efficient and easy to install antenna for providing WiFi connectivity. The compact antenna can be easily positioned on a device plastic housing or vehicle windscreen using the supplied automotive industry grade adhesive pad. Versions are available with rev pol SMA plug, standard SMA plug or FAKRA I jack connectors.

Part no.	Cable & connector
EF-24-58-3RPSP	3m (10') Rev Pol SMA
EF-24-58-3SP	3m (10') SMA Male
EF-24-58-3FIJ	3m (10') FAKRA I



Dashboard/Windshield MiMo WiFi Antenna



- Supports 2x2 MiMo WiFi 2.4/5.0GHz
- Mount on or under the dashboard on the windshield
- Integrated double shielded low loss cables compliant to UN ECE R118
- Optional GPS/GNSS

The RAYM2-24-58 range has been designed as a cost effective solution for telematics/asset tracking applications MiMo WIFI. The compact, robust low-profile housing contains two elements providing MiMo WiFi 2.4/5.0GHz coverage. The antenna can be fitted on or under a vehicle dashboard or on a windshield using the supplied acrylic adhesive sealing pad. Supplied with integrated 3m (10') cables that are compliant with UN ECE R118 and fitted with Rev Pol SMA Plug connectors, the antenna will offer plug and play connectivity with many different devices. The GPSCOM2 variant adds GPS/GNSS functionality to this versatile product line.

Part no.	GPS/GNSS	MiMo WiFi	Cable Length & Connector
RAYM2-24-58		2x2	3m Rev Pol SMA
GPSCOM2-24-58	•	2x2	3m Rev Pol SMA Plug for GPS/GNSS



Dual Band WiFi Antenna



- Robust panel or bracket mount antenna
- Rugged low profile design
- Excellent bandwidth
- N female connector

The LPB low profile antenna range has been designed to perform even in extreme environments. At only 82mm (3.22") high and protected by a robust high impact, flame retardant (halogen free) radome the antenna is almost impervious to daily wear, tear and impact.

Part no.	SiSo WiFi
LPB-24-58	•

Accessories

Magnetic mounting adaptors

Magnetic adapters for temporary fitment and drive testing of mobility antennas



SAB-225

Compatible with 5G Great White® and Mako® ranges [page 6](#).

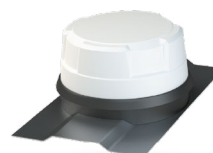


SAB-344

Compatible with Megalodon® range [page 5](#).

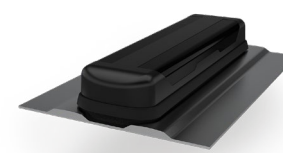
Roof panel adaptors

Roof panel adaptors designed to allow Panorama mobility products to fit to the roof of common SUV's and LCV's



LGMM-EXT-R-SLT

Compatible with 5G Great White® and Mako® ranges [page 6](#).



SAB-346

Compatible with Megalodon® range [page 5](#).



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Important notice: The data provided above serves as an indication of the products' performance under specific conditions and does not constitute a guarantee of performance. This document is provided on an 'as is' basis and is subject to change without prior notice.

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