



## MiMo Sharkee

Multi-function Antenna

### FEATURES

- Covers all 5G/4G/3G/2G cellular bands
- Integrated GPS/GNSS and optional 2.4/4.9-6GHz WiFi
- Optional Airwave antenna (Not SHKG-7-27-T24-58)



The MiMo Sharkee range offers 2x2 MiMo 698-960/1710-3800MHz with active GPS/GLONASS (26dB LNA) and optional SiSo or 3x3 MiMo WiFi 2.4/5.0GHz. With a built in whip mounting boss the MiMo Sharkee can also support a range of Panorama Antennas' VHF/ UHF whips (Except SHKG-7-27-T24-58).

Requiring only a single hole fixing, the MiMo Sharkeereduces vehicle damage, visual impact and cost of installation, whilst protecting

Part No.	GPS/ GNSS	MiMo LTE	WiFi	Airlink Compatibility
SHKG-7-27-T24-58	●	2x2	3x3	MG90, MP70
GPSD-7-27-S24-58	●	2x2	1x1	GX450 (WiFi), LX60
GPSD-7-27	●	2x2		MP70, GX450, RV50X / RV50
SAB-224	N/A	N/A	N/A	All



# Great White 5G

## Multi-function Antenna

### FEATURES

- 2x2 MiMo 5G/4G/3G/2G LTE
- 617-960 / 1710-6000MHz
- Optional Integrated GPS/GNSS
- Up to 6x6 MiMo WiFi 2.4/5.0GHz
- UN118 Cables
- ESN Ready**

The Great White 5G range provides effective 2x2 MiMo, LTE and WiFi operation with excellent isolation and low correlation coefficient. Available in Black or White. Optional GPS/GNSS module incorporates advanced filtering.

Part No.	GPS / GNSS	MiMo LTE	MiMo WiFi	Airlink Compatibility
LGMHM-6-60-24-58	●	2x2	6x6	GX450, MP70 RV50X/RV50
LGMQM-6-60-24-58	●	2x2	4x4	GX450, MP70 RV50X/RV50
LGMTM-6-60-24-58	●	2x2	3x3	GX450, MP70 RV50X/RV50
LGMDM-6-60-24-58	●	2x2	2x2	GX450, MP70 RV50X/RV50
LGMM-6-60	●	2x2		GX450, MP70 RV50X/RV50
LPMM-6-60	●	2x2		GX450, MP70 RV50X/RV50

\*Available in Black & White

# 5G Dome

## Low Profile Antenna

### FEATURES

- 4x4 MiMo 5G/4G LTE
- 617-960 / 1710-6000MHz
- Integrated GPS/GNSS
- Up to 6x6 MiMo WiFi 2.4/5.0GHz
- UN118 Cables
- IK10 Rated
- ESN Ready**

The 5G Dome enables multiple antenna functions to be fitted using a single hole mount. Designed for use with Advance Pro routers that require a 4x4 5G/4G/LTE MiMo antenna system. Available in Black or White. Optional GPS/GNSS module incorporates advanced filtering.



Part No.	GPS / GNSS	MiMo LTE	MiMo WiFi	Airlink Compatibility
LGMHM4-6-60-24-58	●	4x4	6x6	MG90
LGMQM4-6-60-24-58	●	4x4	4x4	MG90
LGMTM4-6-60-24-58	●	4x4	3x3	MG90
LGMDM4-6-60-24-58	●	4x4	2x2	MG90
LGMM4-6-60	●	4x4		MG90
LPMM4-6-60		4x4		MG90

\*Available in Black & White



# Great White

## Multi-function Antenna

### FEATURES

- 2x2 MiMo 4G, 3G, 2G LTE  
700-2700MHz
- Optional integrated GPS/GNSS
- Optional 3x3 MiMo 2.4/5GHz WiFi
- Magnetic mount available
- Ground plane independent

The Great White range provides effective MiMo operation with excellent isolation and low correlation coefficient. The antenna covers 700-2700MHz for LTE with an option for 3x3 WiFi for 2.4/5GHz bands and GPS/GNSS antenna with 26dB gain LNA.

Part No.	GPS / GNSS	MiMo LTE	MiMo WiFi	Airlink Compatibility
LGMTM-7-27-24-58	●	2x2	3x3	MG90, MP70
LGMM-7-27	●	2x2		GX450, MP70 RV50X/RV50
LPMM-7-27		2x2		RV50X/RV50 MG90
SAB-225				All

\*Available in Black & White

# MiMo WiFi

## Low Profile Antenna

### FEATURES

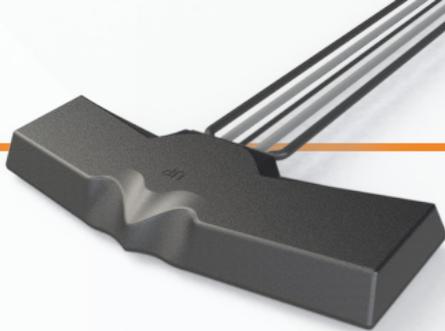
- 3x3 MiMo Dual band WiFi
- Ultra low profile
- Ground plane independent

With three omni-directional dual band WiFi elements in a single housing, the 3-in-1 WiFi antenna is IP69K certified, built for for internal/ external WiFi applications. The antenna is easy to install and can be supplied with low loss cables.



Part No.	MiMo WiFi	Airlink Compatibility
LPM3-24-58	3x3	MG90, MP70

\*Available in Black & White



## MiMo Bat

Multi-function Covert Antenna

### FEATURES

- Mount on or under dashboard
- Covers all 5G/4G/3G/2G cellular bands
- Optional SiSo WiFi
- GPS/GNSS

The BATG antenna is ideal for when an external antenna cannot be fitted. It includes 2x2 MiMo for LTE cellular, GPS/GNSS and an optional single 2.4/5GHz WiFi antenna. It can be fitted on any non-conductive surface and with integral 3m low loss cables, is an easy, quick, 'plug and play' solution which meets requirements of UN ECE 118.01, making it suitable for transportation vehicles.

Part No.	GPS / GNSS	MiMo LTE	WiFi	Airlink Compatibility
BATGM-7-38	●	2x2		GX450, MP70 RV50X/RV50
BATGM-7-38-S24-58	●	2x2	●	GX450 (WiFi) LX60

## MiMo LTE Panel Mount

Low Profile Antenna

### FEATURES

- Low profile and weatherproof housing
- 2x2 MiMo LTE and optional GPS/GNSS
- Robust and cost effective M2M and IOT solution
- 698-3800MHz frequencies
- Magnetic version available

The LP[G]AM-BC3G-26 range has been designed to provide MiMo Cellular/LTE antenna function for IOT and M2M applications. The compact, robust low-profile housing is weatherproof and contains two antenna elements with effective isolation.



Part No.	GPS / GNSS	MiMo LTE	Airlink Compatibility
LPAM-BC3G-26-3SP		2x2	GX450, ES450 RV50X/RV50
LGAM-BC3G-26-3SP	●	2x2	MP70, GX450 LX60, RV50X/ RV50



# Dash Mount Antenna

Multi-function Antenna

## High Gain MiMo LTE

Fixed Directional Antenna

### FEATURES

- 2x2 MiMo 5G/4G with fallback to 3G/2G
- Cross polarised, High gain elements
- Rugged housing – External/internal use
- Mast, wall or desk top mounting

The WMM8G-7-38 is a high gain, directional 2x2 MiMo antenna suitable for external or internal use. It has 2 cross polarised elements for 700-3800MHz with effective isolation and low correlation coefficient value. It features a rugged, sealed housing with integral 'twinned' ultra-low loss coax cables, pre-fitted with sma plugs for simple installation.

Part No.	MiMo LTE	Airlink Compatibility
WMM8G-7-38-5SP	2x2	RV50/RV50X ES450, LX60

### FEATURES

- Supports 4G/3G/2G
- Integrated GPS/GNSS
- Mount on or under dashboard on windshiled
- Cost effective solution for Telematics / asset tracking

The compact, robust low-profile housing contains an antenna element covering all current global cellular and LTE bands in freq. range 698-960/1710-2700MHz along with a GPS/GNSS antenna for applications which require a positioning function.



Part No.	LTE	GPS / GNSS	Airlink Compatibility
GPSC-7-27-3SP	●	●	FX30, LS300

# Paddle Antenna

Part No.	 LTE	 WiFi	Airlink Compatibility
PWB-BC3G-38-RSMAP	•		MG90, MP70, GX450, RV50/ RV50X, ES450, FX30, LS300
PWB-24-58-SMARV		•	MG90, MP70, GX450

## FEATURES

698-3800MHz cellular or dual band 2.4 / 5.0GHz

Suitable for routers and terminals

Articulated connector

The PWB antenna is a ground plane independent and is ideal for use where only a device mounted antenna is required. The PWB offers a flexible solution with an aesthetic paddle styling and is compatible with most router devices.



For more information on Panorama's Airlink  
Compatible Antenna Range visit: [www.linkwave.co.uk](http://www.linkwave.co.uk)



## MiMo LTE & MiMo WiFi Low Profile

### Multi-function Antenna

#### FEATURES

- MiMo 5G/4G/3G/2G + MiMo 2.4/4.9-6GHz
- Robust and cost effective solution
- Low profile design
- Optional GPS/GNSS

The LP[G]AM-7-27-24-58 has a compact housing and is ideal for vending machines, payment terminals and other M2M type applications.

Part No.	GPS / GNSS	MiMo LTE	MiMo WiFi
LGAM-7-27-24-58	●	2x2	2x2
LPAM-7-27-24-58		2x2	2x2

## Portable MiMo LTE Antenna

### Desk Mount Antenna

#### FEATURES

- Supports MiMo & diversity across 5G/4G/3G/2G
- Two omni-directional wideband elements
- Desk stand, screen clip and window mount options
- 2m cable supplied

The DMM offers a lightweight and stylish solution for your wireless broadband connection. It can improve your connection in challenging coverage areas with it's unique 'X' design.



Part No.	Termination	MiMo LTE
DMM-7-38-2SP	SMA Male	2x2

# SiSo LTE Panel Mount

Low Profile Antenna

## FEATURES

- Covers all 5G/4G/3G/2G cellular bands
- Cost effective solution
- Multi-band operation

The LPB series is a rugged, compact, panel mount multi-band antenna which covers 700-3800MHz. It has an integral ultra-low loss coax cable, with a choice of length.

Part No.	Termination	Cable
LPB-7-27-05SP	SMA Male	0.5m
LPB-7-27-2SP	SMA Male	2m
LPB-7-27-5SP	SMA Male	5m



# Bracket Mount SiSo LTE

Omni-Directional Antenna

## FEATURES

- Cost effective 5G/4G/3G/2G antenna
- Easy Installation
- Wall or mast mounting
- Compact design

The B4BE range is fully weather proof and is an omni-directional design, providing simple installation in an elevated or external location to achieve optimum network signal.

Part No.	Colour	Cable
B4BEW-7-27-2SP	White	2m
B4BEW-7-27-5SP	White	5m
B4BE-7-27-2SP	Black	2m
B4BE-7-27-5SP	Black	5m





# Low Profile Antenna

## 2G Panel Mount Antenna

### FEATURES

- Ultra low profile dual band antenna
- Mounting bush or screw fitment
- Robust, tamper proof design

The low profile housing gives a high degree of vandal resistance making it perfect for vending machines or other telemetry devices in exposed locations that require reliable communications. The antenna is secured in place by a reversible locking nut allowing secure fitment to panels of between 1mm and 26mm thick. The antenna offers ground-plane independent omni directional performance across up to two bands making it a versatile solution for a number of applications.

Part No.	Frequencies (MHz)
LPAB-DE-2SP	880-960 / 1710-1880

# Cable Assemblies

## SMA Plug to SMA Jack Extraflex



### FEATURES

- Double shielded 5mm cable
- Excellent performance
- Durable out jacket

A high-performance double shielded 5mm coaxial cable. The extra shielding means that there is less loss of gain at higher frequencies making it ideal for 3G UMTS & 4G LTE.

Variants of this cable with SMA (f) sockets fit to Panorama's standard cellular antenna termination and so are ideal for connecting cellular / LTE antennas to many routers and modems.

## Compatibility Matrix

### for pages 1-5

This compatibility matrix is based purely on the Sierra Wireless Router range and is not limited to these routers alone.

	MG	MP	RV	LX	GX	ES	LS	FX
SHKG-7-27-T24-58	•	•						
LGMHM-6-60-24-58		•	•		•			
LGMHM4-6-60-24-58	•							
LGMTM-7-27-24-58	•	•						
GPSD-7-27-524-58				•	•			
GPSD-7-27	•	•	•		•			
LGMM-7-27	•	•	•		•			
LPM3-24-58	•	•						
LPMM-7-27	•	•	•					
BATGM-7-38-524-58				•	•			
BATGM-7-38		•			•			
LPAM-BC3G-26-3SP			•	•	•	•		
LGAM-BC3G-26-3SP		•	•		•			
WMM8G-7-38-5SP			•	•		•		
GPSC-7-27-3SP							•	•
PWB-BC3G-38-RSMAP	•	•	•	•	•	•	•	•
PWB-24-58-SMARV	•	•	•	•	•	•	•	•

# PANORAMA ANTENNAS

Panorama Antennas is a leading designer and manufacturer of antennas for the very latest communication technologies. We offer unparalleled expertise and an excellent range of high performing antennas for a wide variety of applications, from public safety and transportation to IoT and M2M.

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