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Panorama 9-in-1 5G Dome Antenna, White, with Fitted External Cables

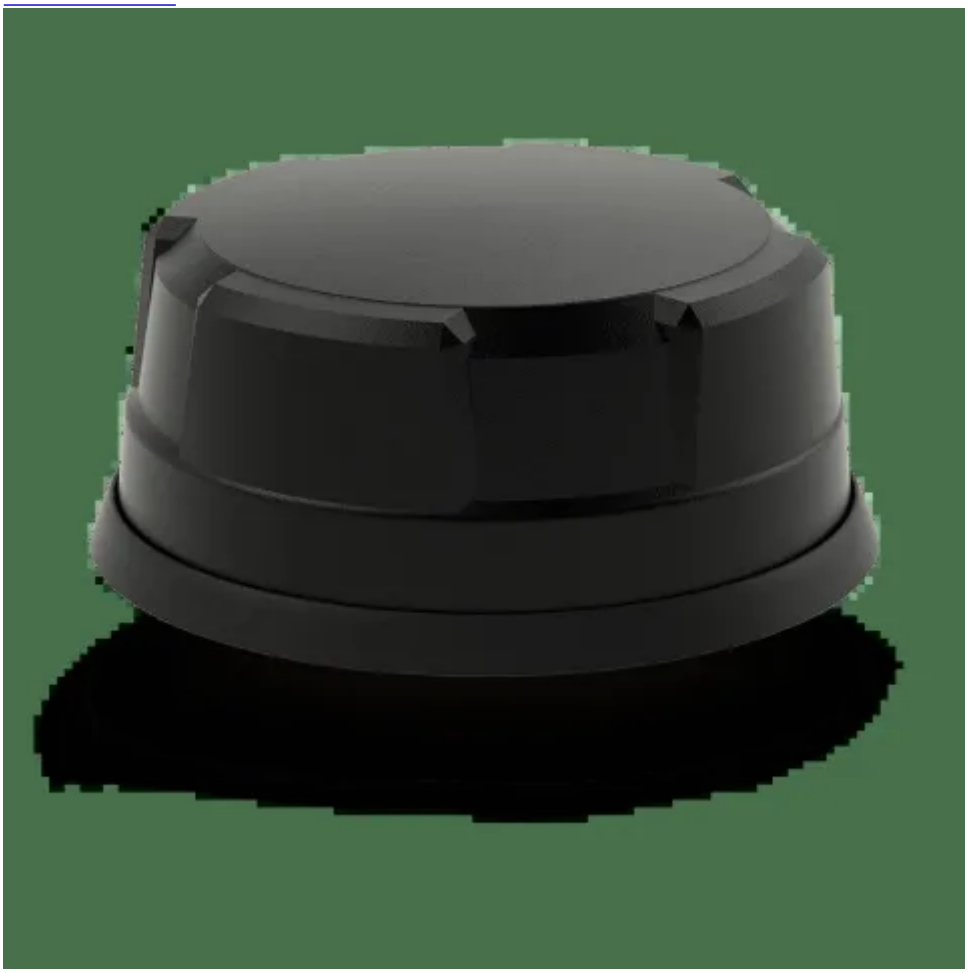
SKU
ANT-PA-00104
MPN
LG-IN2446-W

Description

The Panorama 9-in-1 5G Dome Antenna is a versatile communication solution designed for robust and high-performance connectivity. It supports 4x4 MIMO technology, crucial for enhancing data throughput and reliability in 4G and 5G networks. This antenna is ideal for applications requiring consistent and high-speed wireless communication, such as mobile broadband, public safety, and remote monitoring systems. It operates effectively across a wide frequency range from 617 MHz to 6000 MHz, ensuring compatibility with various network standards.

Constructed with durable polycarbonate and aluminium materials, it withstands harsh environmental conditions, with an impressive operating temperature range of -40 °C to 80 °C and ingress protection rating of IP69K. This makes it suitable for both indoor and outdoor installations, including in vehicles and industrial sites. The antenna's GNSS capabilities, supporting GPS, GLONASS, Galileo, QZSS, and...

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Panorama Antennas

Panorama’s constant cutting-edge research ensures that our antennas meet the demands of the very latest communication technologies. Trusted by thousands of professionals and consumers the world over, our antennas are depended upon to provide communications even in the most challenging conditions.

Currently, Panorama specialises in professional antenna solutions for modern communications ...

RF Specification

4G/5G

Start Frequency
617 MHz
Stop Frequency
6000 MHz
Polarisation
Linear
Input Impedance
50 Ω
RF Connectors

Ports	RF Interface	Body Shape	Cable Series	Length
1	SMA Male	Straight	RG-174	300 mm
1	SMA Male	Straight	RG-174	300 mm
1	SMA Male	Straight	RG-174	300 mm
1	SMA Male	Straight	RG-174	300 mm

Frequency Test Data

Start Freq.	Stop Freq.	Peak Gain
617 MHz	960 MHz	4 dBi
1710 MHz	3800 MHz	8 dBi
4900 MHz	6000 MHz	9 dBi

WiFi

Start Frequency
2400 MHz
Stop Frequency
6000 MHz
Polarisation
Linear
Input Impedance
50 Ω
RF Connectors

Ports	RF Interface	Body Shape	Cable Series	Length
1	SMA Female	Straight	RG-174	300 mm
1	SMA Female	Straight	RG-174	300 mm
1	SMA Female	Straight	RG-174	300 mm
1	SMA Female	Straight	RG-174	300 mm
1	SMA Female	Straight	RG-174	300 mm
1	SMA Female	Straight	RG-174	300 mm

Frequency Test Data

Start Freq.	Stop Freq.	Peak Gain
2400 MHz	2400 MHz	9 dBi
4900 MHz	6000 MHz	9 dBi

GPS, GLONASS, Galileo, QZSS, Compass

Start Frequency
1562 MHz
Stop Frequency
1612 MHz
Input Impedance
50 Ω
Polarisation

Right Hand Circular (RHCP)

Low Noise Amplifier (LNA)

LNA Gain
26 dBic
Noise Figure
≤ -2.7 dB
Min. Operating Voltage
3 V
Max. Operating Voltage
5 V
RF Connectors

Ports	RF Interface	Body Shape	Cable Series	Length
1	FME Female	Straight	RG-174	300 mm

Physical Specification

Subtype
Fin / Stud / Combo
Input Ports
11
MIMO
4x4 MIMO
Min. Operating Temperature
-40 °C
Max. Operating Temperature
80 °C
Dimensions
80 x 180 (H x Dia)
Ingress Protection
IP69K
Materials
Polycarbonate (PC), Aluminium
Mounting
Stud / Bulkhead / Panel

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