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Panorama 4G-5G 2x2 MIMO, Sharkfin Antenna with External VHF Whip Port, 617 to 6000 MHz

SKU
ANT-PA-00107
MPN
GPSD-6-60

Description

The Panorama 4G-5G 2x2 MIMO Sharkfin Antenna with External VHF Whip Port is a versatile antenna solution designed for enhanced connectivity across a broad frequency range of 617 to 6000 MHz. Its primary application is in providing robust and reliable cellular communication for both 4G and 5G networks, making it ideal for various industrial, transport, and public safety applications where consistent connectivity is crucial. The inclusion of a 2x2 MIMO configuration facilitates improved data throughput and network reliability, which is particularly beneficial in high-density environments.

The antenna is equipped with an external VHF whip port, allowing for additional customisation and application-specific enhancements. Its durable construction, featuring ASA plastic and aluminium, ensures resilience in harsh conditions, while its IP69K ingress protection rating guarantees protection against dust and high-pressure water jets, making it...

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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

Cellular

Start Frequency
617 MHz
Stop Frequency
6000 MHz
Polarisation
Vertical (V)
Input Impedance
50 Ω
RF Connectors

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

GPS/GLONASS/Galileo/BeiDou

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
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
2
MIMO
2x2 MIMO
Min. Operating Temperature
-40 °C
Max. Operating Temperature
80 °C
Dimensions
90 x 243 x 63 (H x L x W mm)
Ingress Protection
IP69K
Materials
ASA Plastic, Aluminium
Mounting
Stud / Bulkhead / Panel

Compliance/Certifications
RoHS

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