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Panorama Low Profile 2G-4G MIMO Antenna, 1m SMA Male

SKU
ANT-PA-00013
MPN
LPAM-BC3G-26-1SP

Description

The Panorama Low Profile 2G-4G MIMO Antenna (SKU: ANT-PA-00013), part number LPAM-BC3G-26-1SP, is a versatile solution for modern communication needs. Designed by Panorama Antennas, this compact Fin/Stud/Combo antenna is crafted from durable ABS plastic and is IP66 rated for protection against harsh environmental conditions. It operates efficiently across a wide temperature range of -30°C to 70°C, making it suitable for a variety of challenging applications.

This antenna features a 2x2 MIMO configuration with three RF connections, supporting frequency ranges from 698 MHz to 3800 MHz. It delivers peak gains of up to 5.0 dBi, ensuring robust performance for cellular LTE applications. Additionally, the GPS/GNSS element operates between 1562 MHz and 1612 MHz with RHCP polarisation, enhancing satellite navigation capabilities.

With SMA Male connectors and a RoHS-compliant design, this antenna is ideal for critical communications, M2M, IoT, 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

Element 1 & 2: Cell / LTE

Start Frequency
698 MHz
Stop Frequency
3800 MHz
Max. Input Power
20 W
Input Impedance
50 Ω
RF Connectors

Ports	RF Interface	Body Shape	Cable Series	Length
1	SMA Male	Straight	RG-174	3000 mm

Frequency Test Data

Start Freq.	Stop Freq.	Peak Gain
698 MHz	960 MHz	1.5 dBi

Start Freq.	Stop Freq.	Peak Gain
1710 MHz	2170 MHz	4.5 dBi
2500 MHz	3800 MHz	5 dBi

Element 3: GPS/GNSS

Start Frequency
1562 MHz
Stop Frequency
1612 MHz
Polarisation
Right Hand Circular (RHCP)
Input Impedance
50 Ω
RF Connectors

Ports	RF Interface	Body Shape	Cable Series	Length
1	SMA Male	Straight	RG-174	1000 mm

Frequency Test Data

Start Freq.	Stop Freq.
1562 MHz	1612 MHz

Physical Specification

Subtype
Fin / Stud / Combo
Input Ports
3
MIMO
2x2 MIMO
Min. Operating Temperature
-30 °C
Max. Operating Temperature
70 °C
Dimensions
49 x 150 x 45
Ingress Protection
IP66
Materials
ABS Plastic

Weight
0.34 kg
Compliance/Certifications
RoHS

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