

# 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	Input Impedance:	50
Stop Frequency:	3800 MHz		
Max. Input Power:	20 W		

### 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
1710 MHz	2170 MHz	4.5 dBi
2500 MHz	3800 MHz	5 dBi

## Element 3: GPS/GNSS

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

### 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	Dimensions:	49 x 150 x 45
Input Ports:	3	Ingress Protection:	IP66
MIMO:	2x2 MIMO	Materials:	ABS Plastic
Min. Operating Temperature:	-30 °C	Weight:	0.34 kg
Max. Operating Temperature:	70 °C	Compliance/Certifications:	RoHS

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