

Powertec Wireless Technology ABN: 42 082 948 463 PO Box 1034, Ashmore City Queensland, Australia, 4214 sales@powertec.com.au 1300 769 378

# 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...

Read More





#### 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

Disclaimer: Although care has been taken to ensure the accuracy, completeness and reliability of the information provided, Powertec assumes no responsibility therefore. The user of the information agrees that the information is subject to change without notice. Powertec assumes no responsibility for the consequences of use of such information, nor for any infringement of third party intellectual property rights which may result from its use. IN NO EVENT SHALL POWERTEC BE LIABLE FOR ANY DIRECT, INDIRECT, SPECIAL, OR INCIDENTAL DAMAGE RESULTING FROM, ARISING OUT OF OR IN CONNECTION WITH THE USE OF THE INFORMATION.

