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 Antenna, 617 to 6000 MHz, 2m SMA Male

SKU
ANT-PA-00011
MPN
LPBEM-6-60-2SP

Description

The Panorama Low Profile Antenna (SKU: ANT-PA-00011), model LPBEM-6-60-2SP, offers exceptional coverage across a wide frequency range of 617 MHz to 6000 MHz. Designed by Panorama Antennas, this monopole antenna is ideal for demanding environments, thanks to its robust ASA plastic and aluminium construction, and IPX6 ingress protection rating. Its compact dimensions of 96 x 48 mm make it easy to integrate into various setups.

This vertical polarised antenna is engineered for superior RF performance, with peak gain values reaching up to 8.0 dBi. It maintains a consistent VSWR of less than 2.5:1 across all specified frequency bands, ensuring minimal signal reflection and optimal efficiency. The antenna supports a 50 Ω impedance and can handle up to 25 W of input power, making it suitable for high-performance applications.

Equipped with a 2m SMA Male connection via RG-174 cable, it ensures reliable connectivity. Its operating temperature...

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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

Start Frequency

617 MHz

Stop Frequency

6000 MHz

Max. Input Power

25 W

Polarisation

Vertical (V)

Input Impedance

50 Ω

RF Connectors

Ports	RF Interface	Body Shape	Cable Series	Length
1	SMA Male	Straight	RG-174	2000 mm

Frequency Test Data

Start Freq.	Stop Freq.	Peak Gain	VSWR
617 MHz	960 MHz	3 dBi	< 2.5:1
1710 MHz	2170 MHz	4 dBi	< 2.5:1
2170 MHz	2700 MHz	5 dBi	< 2.5:1
3400 MHz	3800 MHz	6 dBi	< 2.5:1
4000 MHz	6000 MHz	8 dBi	< 2.5:1

Physical Specification

Subtype

Monopole

Input Ports

1

MIMO

1x1 SISO

Min. Operating Temperature

-40 °C

Max. Operating Temperature

80 °C

Dimensions

96 x 48 (H x Dia)

Ingress Protection

IPX6

Materials

ASA Plastic, Aluminium

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