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Panorama LPB-6-60 Low Profile 4G-5G Antenna, N Female

SKU
ANT-PA-00102
MPN
LPB-6-60-NJ

Description

The Panorama LPB-6-60 Low Profile Antenna is designed for efficient 4G and 5G connectivity, making it ideal for both industrial and domestic applications. Its robust design supports a wide frequency range from 617 MHz to 6000 MHz, ensuring reliable communication across multiple bands. This antenna is particularly suitable for environments utilising cellular modems, routers, and machine-to-machine (M2M) applications, where stable and high-speed wireless communication is essential.

Constructed from durable ASA plastic and aluminium, the LPB-6-60 ensures longevity and performance in harsh conditions, with an operating temperature range of -40 °C to 85 °C and an IP66 ingress protection rating. This makes it well-suited for outdoor installations where exposure to dust and water is a concern.

The antenna's vertical polarisation and 360° azimuth provide optimal signal coverage, while its peak gain of up to 9.0 dBi enhances signal strength. The...

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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
30 W
Polarisation
Vertical (V)
Input Impedance
50 Ω
RF Connectors

Ports	RF Interface	Body Shape	Cable Series	Length
1	N Female	Straight	RG-58	2000 mm

Frequency Test Data

Start Freq.	Stop Freq.	Peak Gain	VSWR	Azimuth	Efficiency
617 MHz	960 MHz	3 dBi	< 2.5:1	360°	70%
1710 MHz	2700 MHz	4 dBi	< 2.5:1	360°	70%

Start Freq.	Stop Freq.	Peak Gain	VSWR	Azimuth	Efficiency
3400 MHz	3800 MHz	8 dBi	< 2.5:1	360°	70%
4900 MHz	6000 MHz	9 dBi	< 2.5:1	360°	70%

Physical Specification

Subtype
Panel / Sector
Input Ports
1
MIMO
1x1 SISO
Min. Operating Temperature
-40 °C
Max. Operating Temperature
85 °C
Dimensions
82 x 48 (H x Dia)
Ingress Protection
IP66
Materials
ASA Plastic, Aluminium
Mounting
Stud / Bulkhead / Panel
Weight
0.25 kg
Compliance/Certifications
CE
Mechanical Compliance
IEC 60529: IP Code

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