

FEATURES

- Multiband low-profile antenna
- Small foot print
- Vandal resistant design
- Supports bands across 3G, 4G and 5G networks
- Compatible with Telstra's 4GX and Optus' 4G Plus networks
- Carrier Aggregation ready
- Two antennas can be used in conjunction for MIMO applications

Low Profile Antenna with Bracket 3G+4G+5G (ANT-LPA-5SP)

The ANT-LPA-5SP is a cost effective omnidirectional antenna suitable for 3G, 4G and 5G networks. It is ideal for both industrial and domestic use, and covers a wide range of frequencies across 600 MHz and 3500 MHz.

The vandal resistant design, and solid and robust radome makes it suitable for both indoor and outdoor use.



The ANT-LPA-5SP is suitable for wall mounting, with the included L mounting bracket allowing for rapid and simple mounting. The LMR195 low loss 5 m cable allows the antenna to be installed in an elevated or external location, where the signal is strongest. Also available in models with a 2 m cable (ANT-LPA-2SP) and 0.5 m cable (ANT-LPA-05SP).

Specifications

MODEL

- ANT-LPA-5SP

ELECTRICAL DATA

Frequency

- 600 MHz to 960 MHz
- 1710 MHz to 3500 MHz

Operational Bands

- 700, 800, 900, 1800, 1900, 2100, 2400, 2600, 3500

Gain

- 3.0 dBi @ 600-960 MHz
- 5.2 dBi @ 1710-2170 MHz
- 4.0 dBi @ 2400-2700 MHz
- 3.0 dBi @ 2800-3500 MHz

Polarisation

- Vertical

Voltage Standing Wave Ratio

- <2

Pattern

- Omni-directional

Impedance

- 50 Ω

Max Input Power

- 50 W

MECHANICAL DATA

Height

- 82 mm (without bracket)

Diameter

- 48 mm

Working Temperature

- 40 °C to +80 °C

Weight

- 220 g

Material

- ABS

Colour

- Black

IP Rating

- IP 65 – dust tight and water resistant

RoHS Compliant

- Yes

Fixing

- Wall mount

Cable

- LMR195 low loss coaxial
- 5 mm diameter
- 5 m/ 2 m/ 0.5 m length
- SMA male connector

NETWORK COMPATIBILITY

Carrier	Frequency (MHz)	Band	Gain (dBi)	Compatible?
Telstra (4GX)	700	28	3.0	✓
Telstra 4G	1800	3	5.2	✓
Telstra 4G	2100	1	5.2	✓
Telstra 4G	2600	7	4.0	✓
Telstra 5G	3500	n78	3.0	✓
Optus (4G Plus)	700	28	3.0	✓
Optus 4G	900	8	3.0	✓
Optus 4G	1800	3	5.2	✓
Optus 4G	2300	40	4.0	✓
Optus 4G	2600	7	4.0	✓
Optus 5G	3500	n78	3.0	✓
Vodafone (4G+)	850	5	3.0	✓
Vodafone 4G	900	8	3.0	✓
Vodafone 4G	1800	3	5.2	✓
Vodafone 4G	2100	1	5.2	✓
TPG 4G	700	28	3.0	✓
TPG 4G	2600	7	4.0	✓
NBN Co	2300	40	4.0	✓

PRODUCT DIMENSIONS

