

## FEATURES

- Low-profile antenna with magnetic base
- Small footprint
- Excellent bandwidth
- 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 Magnetic Base (ANT-LPAM-5SP)

The ANT-LPAM-5SP is a low cost omni-directional antenna, suitable for 3G, 4G and 5G networks. It is ideal for industrial and domestic use, and covers a wide range of frequencies across 698 MHz and 3800 MHz.

The solid and robust radome make it suitable for indoor and outdoor use. The RG58U low loss 5 m cable allows the antenna to be installed in an elevated location or external location, where the signal is strongest.

The ANT-LPAM-5SP antenna is designed to be used on a ground plane, and is suitable for both mobile and fixed applications.



## Specifications

### MODEL

- ANT-LPAM-5SP

### ELECTRICAL DATA

#### Frequency

- 698 MHz to 960 MHz
- 1710 MHz to 3800 MHz

#### Operational Bands

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

#### Gain

- 3.0 dBi @ 698-960 MHz
- 5.2 dBi @ 1710-2170 MHz
- 4.0 dBi @ 2400-2700 MHz
- 3.0 dBi @ 2800-3800 MHz

#### Polarisation

- Vertical

#### Voltage Standing Wave Ratio

- <1.8:1

#### Radiation

- Omni-directional

#### Impedance

- 50 Ω

#### Max Input Power

- 50 W

### MECHANICAL DATA

#### Height

- 120 mm

#### Diameter

- 110 mm

#### Working Temperature

- -40 °C to +70 °C

#### Weight

- 900 g

#### Radome Material

- ABS

#### Colour

- Black

#### IP Rating

- IP 65 – dust tight and water resistant

#### RoHS Compliant

- Yes

#### Fixing

- Magnetic mount

#### Cable

- RG58U low loss coaxial
- 5 mm diameter
- 5 m length
- SMA male connector

## NETWORK COMPATIBILITY

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