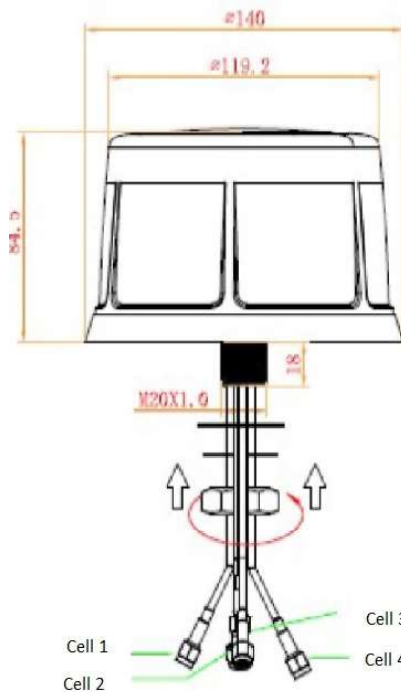


FEATURES

- Versatile four-in-one cellular antenna
- Screw-mount
- Supports bands across 3G, 4G and 5G networks
- Compatible with Telstra's 4GX and Optus' 4G Plus networks
- Excellent bandwidth
- Vandal resistant design
- Dust and water resistant
- Includes 4 x 3 m cables terminated with SMA-M

Top Hat Screw Mount Antenna 5G MIMO 4x4 (ANT-LPA-4x4)

The ANT-LPA-4x4 Top Hat 5G MIMO antenna is a compact and heavy-duty antenna incorporating four cellular antenna elements. All four elements are multiband for 3G, 4G and 5G networks covering frequencies between 698 and 3800 MHz.



The ANT-LPA-4x4 antenna is IP67 rated, which allows protection against dust and water penetration. It can be mounted externally on a vehicle or on any flat surface such as a kiosk or an ATM machine. The screw-mount kit offers anti-vandal security for peace of mind. It is the perfect solution for M2M applications such as telematics, transportation, and remote monitoring applications.

The ANT-LPA-4x4 has its own ground-plane and can radiate on any mounting surface such as metal or plastic without affecting its performance.

Specifications

MODEL

- ANT-LPA-4x4

ELECTRICAL DATA

Frequency

- 698 – 960 MHz
- 1710 – 3600 MHz

Gain

- 700 MHz 3.5 dBi
- 850 MHz 3.5 dBi
- 900 MHz 3.5 dBi
- 1800 MHz 4.5 dBi
- 2100 MHz 5.0 dBi
- 2300 MHz 6.0 dBi
- 2400 MHz 6.0 dBi
- 2600 MHz 7.6 dBi
- 3500 MHz 6.5 dBi

Polarisation

- Vertical

Voltage Standing Wave Ratio

- < 2.0

Impedance

- 50 Ω

Input Power Max

- 50 W

MECHANICAL DATA

Azimuth Beamwidth

- Omnidirectional

Colour

- Black

Cable

- RG58
- 3 m length
- SMA male connector

Working Temperature

- -40 °C to +85 °C

Humidity

- 65% - 95% RH

IP Rating

- IP67 – dust tight, and water resistant

Radome Material

- PC

Mount

- Screw mount

Dimensions

- Ø140.5 x 84.5 mm

Weight

- 1 kg

NETWORK COMPATIBILITY

Carrier	Frequency (MHz)	Band	Gain (dBi)	Compatible?
<i>Telstra (4GX)</i>	700	28	3.5	✓
<i>Telstra 4G</i>	1800	3	4.5	✓
<i>Telstra 4G</i>	2100	1	5.0	✓
<i>Telstra 4G</i>	2600	7	7.6	✓
<i>Telstra 5G</i>	3500	n78	6.5	✓
<i>Optus (4G Plus)</i>	700	28	3.5	✓
<i>Optus 4G</i>	900	8	3.5	✓
<i>Optus 4G</i>	1800	3	4.5	✓
<i>Optus 4G</i>	2300	40	6.0	✓
<i>Optus 4G</i>	2600	7	7.6	✓
<i>Optus 5G</i>	3500	n78	6.5	✓
<i>Vodafone (4G+)</i>	850	5	3.5	✓
<i>Vodafone 4G</i>	900	8	3.5	✓
<i>Vodafone 4G</i>	1800	3	4.5	✓
<i>Vodafone 4G</i>	2100	1	5.0	✓
<i>TPG 4G</i>	700	28	3.5	✓
<i>TPG 4G</i>	2600	7	7.6	✓
<i>NBN Co</i>	2300	40	6.0	✓