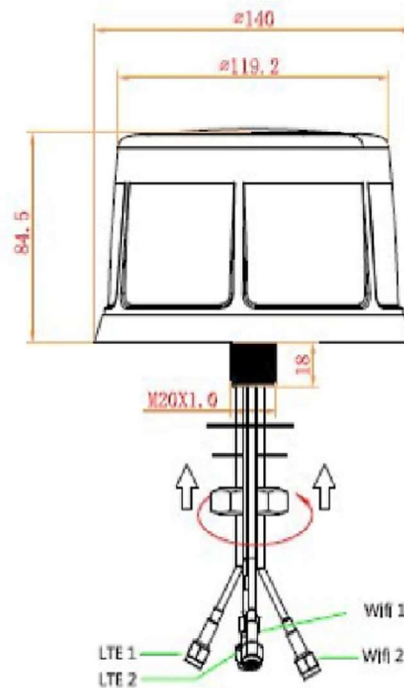


FEATURES

- Versatile four-in-one antenna (2 x LTE, 2 x WiFi)
- 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 Antenna Four-In-One LTE2/WIFI2 (ANT-LPA-4IN1)

The ANT-LPA-4IN1 Top Hat Antenna is a compact and heavy-duty antenna incorporating four antenna elements. Two of these elements are for 3G, 4G and 5G networks, covering frequencies between 698 and 3800 MHz; and two elements are for 2.4 GHz and 5 GHz WiFi.



The ANT-LPA-4IN1 is IP67 rated which allows protection against dust and water penetration. It has its own ground-plane and can radiate on any mounting surface, such as metal or plastic, without affecting its performance. This makes the antenna ideal for mounting externally on a vehicle or on any flat surface, such as a kiosk or vending 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.

Specifications

MODEL

- ANT-LPA-4IN1

ELECTRICAL DATA – LTE

Frequency

- 698 – 960 MHz
- 1710 – 2700 MHz
- 3300 – 3800 MHz

Gain

- 3/5/7 dBi

Polarisation

- Vertical

Voltage Standing Wave Ratio

- < 3

Impedance

- 50 Ω

Input Power Max

- 50 W

ELECTRICAL DATA – WIFI

Frequency

- 2400 – 2500 MHz
- 4900 – 5850 MHz

Gain

- 5/7 dBi

Polarisation

- Linear

Voltage Standing Wave Ratio

- < 2

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	3.0	✓
<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	✓