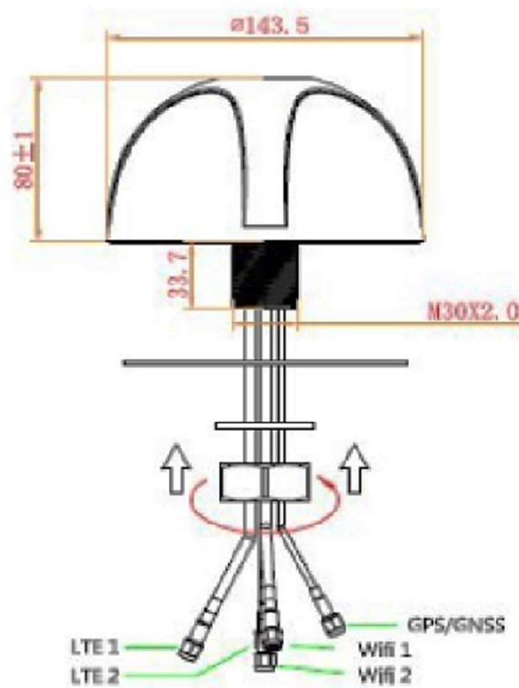


FEATURES

- Versatile five-in-one antenna (2 x LTE, 2 x WiFi, 1 x GPS)
- 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 5 x 3 m cables terminated with SMA-M

Dome Antenna Five-In-One LTE2/WIFI2/GPS (ANT-DOME-5-IN1)

The Comset ANT-DOME-5IN1 is a compact and heavy-duty antenna incorporating five antenna elements. Two of these elements are for 3G, 4G and 5G networks covering frequencies between 698 and 3800 MHz; two elements are for 2.4GHz and 5GHz WiFi; and one element is for GPS.



The ANT-DOME-5IN1 antenna is IP67 rated which offers 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 perfect for mounting 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.

Specifications

MODEL

- ANT-DOME-5IN1

ELECTRICAL DATA – LTE

Frequency

- 698 – 960 MHz
- 1710 – 2170 MHz
- 2300 – 2700 MHz
- 2900 – 3800 MHz

Gain

- 3/5/6/7 dBi

Polarisation

- Vertical

Voltage Standing Wave Ratio

- < 3

Impedance

- 50 Ω

ELECTRICAL DATA – WIFI

Frequency

- 2400 – 2500 MHz
- 4900 – 5850 MHz

Gain

- 6/8 dBi

Polarisation

- Linear

Voltage Standing Wave Ratio

- < 2

Impedance

- 50 Ω

ELECTRICAL DATA – GPS (GLONASS)

Frequency

- 1575.42 MHz ± 3 MHz
- 1602 – 1210 MHz

LNA Gain

- 28 ± 2 dB (typical)

Polarisation Type

- RHCP

Voltage Standing Wave Ratio

- < 2

Impedance

- 50 Ω

Noise Figure

- 3 – 3.5 dB

DC Voltage

- 2.2 – 5.0 V

DC Current

- 5 – 15 mA

MECHANICAL DATA

Colour

- Black

Cable

- GPS: RG174
- LTE & WiFi: 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

- ABS

Mount

- Screw mount

Dimensions

- Ø143.5 x 80 mm

Weight

- 1.2 kg

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	✓