

## FEATURES

- Supports all bands across 2G, 3G and 4G networks
- Compatible with Telstra's 4GX and Optus' 4G Plus networks
- Carrier Aggregation ready
- Perfect protection against extreme weather conditions
- Pole and wall mount, with mounting brackets included
- 9 dBi peak gain
- N-Female connector (cable not included)

## Pole Omni Antenna 3G+4G+4GX (ANT-LTE-005)

The Comset ANT-LTE-005 3G/4G/4GX Pole Omni Antenna provides an innovative and future proof solution for 2G, 3G and 4G networks. It has a 9 dBi peak gain and a wide frequency band of 698 to 2700 MHz. The antenna is also compatible with Telstra's new 4GX and Optus' 4G Plus networks on the 700 MHz B28 band.

To withstand harsh weather conditions, the Comset ANT-LTE-005 incorporates strong copper and aluminium alloy components with a fibreglass whip.



It is designed for wall or pole mounting, and comes with mount brackets included for your convenience. The antenna is also fitted with an N-Female connector that can be connected to your choice of coaxial cable.

# Specifications

## MODEL

- ANT-LTE-005

## ELECTRICAL DATA

### Frequency

- 698 MHz to 2700 MHz

### Operational Bands

- 2G, 3G, 4G, 4GX

### Gain

- 4.5 dBi @ 700 MHz
- 4.5 dBi @ 850 MHz
- 5.0 dBi @ 900 MHz
- 6.0 dBi @ 1800 MHz
- 8.0 dBi @ 2100 MHz
- 9.0 dBi @ 2600 MHz

### Polarisation

- Vertical

### Voltage Standing Wave Ratio

- <2

### Horizontal Beamwidth

- 360°

### Vertical Beamwidth

- 15°

### Lightning Protection

- Direct Ground

### Impedance

- 50 Ω

### Max Input Power

- 100 W

### Radiation

- Omni

## MECHANICAL DATA

### Material

- Fibreglass
- Copper
- Aluminium alloy

### Colour

- White

### Dimension

- Ø20 mm x 640 mm

### Weight

- 0.35 kg

### Working Temperature

- -50 °C to +80 °C

## MOUNTING DATA

### Fixing

- Wall mount
- Mast mount

### Mounting Bracket

- Included

### Hold Pole Diameter

- Ø25 – Ø40 mm

### Cable

- Not included

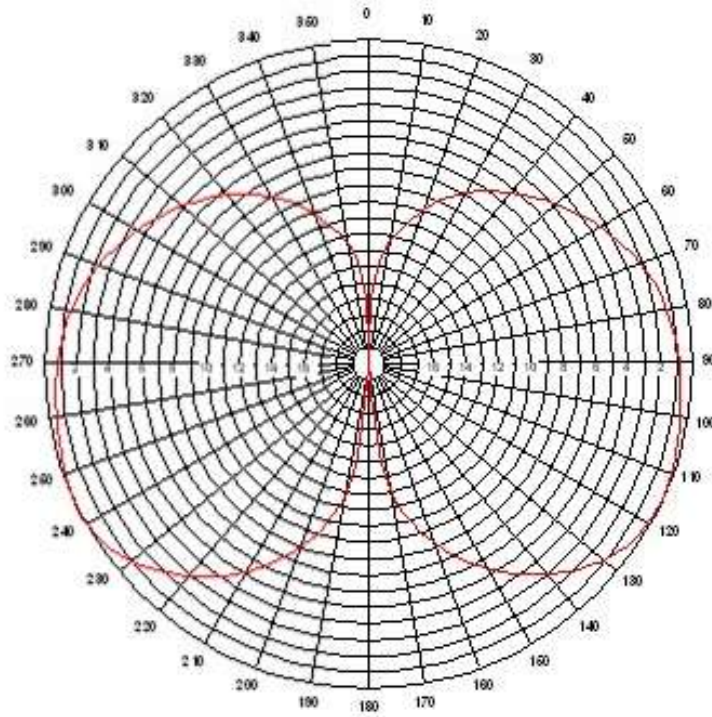
### Connector

- N-Female

## NETWORK COMPATIBILITY

Carrier	Frequency (MHz)	Band	Gain (dBi)	Compatible?
Telstra (4GX)	700	28	4.5	✓
Telstra 4G	1800	3	6.0	✓
Telstra 4G	2100	1	8.0	✓
Telstra 4G	2600	7	9.0	✓
Optus (4G Plus)	700	28	4.5	✓
Optus 4G	900	8	5.0	✓
Optus 4G	1800	3	6.0	✓
Optus 4G	2300	40	8.0	✓
Optus 4G	2600	7	9.0	✓
Vodafone (4G+)	850	5	4.5	✓
Vodafone 4G	900	8	5.0	✓
Vodafone 4G	1800	3	6.0	✓
Vodafone 4G	2100	1	8.0	✓
TPG 4G	700	28	4.5	✓
TPG 4G	2600	7	9.0	✓
NBN Co	2300	40	8.0	✓

**E-PLANE**



**H-PLANE**

