

FEATURES

- High gain indoor/outdoor antenna with surface mount
- 9 dBi peak gain
- Supports all bands across 2G, 3G, 4G and 5G
- Wide frequency range (695 MHz to 4800 MHz)
- Compatible with Telstra's 4GX and Optus' 4G Plus networks
- Compatible with Telstra and Optus 5G networks
- Carrier aggregation ready
- Perfect protection against extreme weather conditions
- Suitable for marine installation, with a stainless-steel cylinder mounting bracket included

Multiband 5G Antenna 3G+4G+5G Surface Mount (ANT-LTE-006A-SM)

The Comset ANT-LTE-006A-SM is a multiband, high gain antenna suitable for indoor or outdoor use. With a wide frequency band of 695 MHz to 4800 MHz, this antenna provides an innovative and future proof solution for 3G, 4G and 5G networks. It is compatible with Telstra's 4GX and Optus' 4G Plus networks on the 700 MHz B28 band, as well as with 5G networks.

Incorporating a zinc alloy element inside a solid ABS radome, the Comset ANT-LTE-006A-SM is designed to survive in extreme weather conditions, making it ideal for the harsh Australian environment.



The rugged, weather resistant housing is designed for surface mounting. A stainless-steel cylinder mounting bracket is included for your convenience. The Comset ANT-LTE-006A-SM antenna is suitable for marine installation.

Specifications

MODEL

- ANT-LTE-006A-SM

ELECTRICAL DATA

Frequency

- 695 MHz to 4800 MHz

Operational Bands

- 2G, 3G, 4G and 5G

Gain

- 6.13 dBi @ 698-803 MHz
- 6.56 dBi @ 824-894 MHz
- 6.95 dBi @ 880-960 MHz
- 8.55 dBi @ 1710-1880 MHz
- 7.56 dBi @ 1850-1990 MHz
- 8.10 dBi @ 1920-2170 MHz
- 9.50 dBi @ 2490-2700 MHz
- 9.23 dBi @ 3400-3600 MHz
- 8.33 dBi @ 4000-4800 MHz

Polarisation

- Vertical

Voltage Standing Wave Ratio

- <2

Horizontal Beamwidth

- 360°

Vertical Beamwidth

- 25°

Lightning Protection

- Direct Ground

Impedance

- 50 Ω

Max Input Power

- 100 W

Radiation

- Omni

MECHANICAL DATA

Radome Material

- ABS

Radiating Element Material

- Zinc alloy

Colour

- White

Height

- 25 cm (without cylinder mount)

Weight

- 0.5 kg (without cylinder mount)

Working Temperature

- -40 °C to +70 °C

MOUNTING DATA

Fixing

- Surface mount

Mounting Bracket

- Cylinder mounting bracket (included)
- U bolt brackets (included)

Hold Pole Diameter

- Ø30 to Ø50 mm

Cable

- Not included

Connector

- N-female

NETWORK COMPATIBILITY

Carrier	Frequency (MHz)	Band	Gain (dBi)	Compatible?
Telstra (4GX)	700	28	6.13	✓
Telstra 4G	1800	3	8.55	✓
Telstra 4G	2100	1	8.10	✓
Telstra 4G	2600	7	9.50	✓
Telstra 5G	3500	n78	9.23	✓
Optus (4G Plus)	700	28	6.13	✓
Optus 4G	900	8	6.95	✓
Optus 4G	1800	3	8.55	✓
Optus 4G	2300	40	8.10	✓
Optus 4G	2600	7	9.50	✓
Optus 5G	3500	n78	9.23	✓
Vodafone (4G+)	850	5	6.56	✓
Vodafone 4G	900	8	6.95	✓
Vodafone 4G	1800	3	8.55	✓
Vodafone 4G	2100	1	8.10	✓
TPG 4G	700	28	6.13	✓
TPG 4G	2600	7	9.50	✓
NBN Co	2300	40	8.10	✓