

FEATURES

- Multiple Input, Multiple Output (MIMO) antenna
- Compatible with 3G, 4G, and 5G networks
- Wide frequency range (695 MHz to 960 MHz, 1710 MHz to 4800 MHz)
- Compatible with Telstra's 4GX and Optus' 4G Plus networks
- Carrier aggregation ready
- Waterproof (IP65) and lightweight
- Pole or wall mount
- Directional high gain 2 x 10 dBi

LTE MIMO Panel Antenna 3G+4G+5G (ANT-PNL-10SP)

The Comset ANT-PNL-10SP is a 3G/4G/5G MIMO Panel Antenna designed to enhance signal coverage over long distances. The directional dual polarised design, with two radiating elements, one vertically polarised and the other horizontally polarised, offers increased 3G, 4G and 5G data signals, and faster, more reliable data speeds.

The ANT-PNL-10SP is ideally suited for 3G, 4G and 5G networks, with a wide frequency range of 698 MHz to 960 MHz, and 1710 MHz to 3800 MHz. It also supports Telstra's 4GX and Optus' 4G Plus on the 700 MHz B28 band.



The weatherproof housing is designed for pole or wall mounting, and is supplied with 2 x 10 metres of low loss RG58 cable, terminated with SMA male connectors.

Specifications

MODEL

- ANT-PNL-10SP

ELECTRICAL DATA

Frequency

- 698 MHz to 960 MHz
- 1710 to 3800 MHz

Normal Gain

- 2 x 7 dBi @ 698-960 MHz
- 2 x 10 dBi @ 1710-3800 MHz

Polarisation

- Directional

Voltage Standing Wave Ratio

- < 1.5

Horizontal Beamwidth

- 70°/75°

Vertical Beamwidth

- 75°/60°

Front to Back Ratio

- 15/20 dB

Lightning Protection

- DC Ground

Nominal Impedance

- 50 Ω

Max Input Power

- 50 W

MECHANICAL DATA

Radome Material

- ABS

Colour

- White

Antenna Dimensions

- 300 x 183 x 70 mm

Weight

- 1.56 kg

Working Temperature

- -40 °C to +65 °C

MOUNTING DATA

Fixing

- Wall mount
- Pole mount

Hold Pole Diameter

- Ø30 - Ø50 mm

Cable

- 2 x RG58 (10 m)

Connector

- SMA Male

NETWORK COMPATIBILITY

Carrier	Frequency (MHz)	Band	Gain (dBi)	Compatible
<i>Telstra (4GX)</i>	700	28	7	✓
<i>Telstra 4G</i>	1800	3	10	✓
<i>Telstra 4G</i>	2100	1	10	✓
<i>Telstra 4G</i>	2600	7	10	✓
<i>Telstra 5G</i>	3500	n78	10	✓
<i>Optus (4G Plus)</i>	700	28	7	✓
<i>Optus 4G</i>	900	8	7	✓
<i>Optus 4G</i>	1800	3	10	✓
<i>Optus 4G</i>	2300	40	10	✓
<i>Optus 4G</i>	2600	7	10	✓
<i>Optus 5G</i>	3500	n78	10	✓
<i>Vodafone (4G+)</i>	850	5	7	✓
<i>Vodafone 4G</i>	900	8	7	✓
<i>Vodafone 4G</i>	1800	3	10	✓
<i>Vodafone 4G</i>	2100	1	10	✓
<i>TPG 4G</i>	700	28	7	✓
<i>TPG 4G</i>	2600	7	10	✓
<i>NBN Co</i>	2300	40	10	✓