

FEATURES

- Versatile combination antenna (1 x LTE, 1 x GPS)
- Screw-mount
- Supports bands across 3G, 4G and 5G networks
- Super low profile
- Vandal resistant design
- Dust and water resistant
- Includes 2 x 3 m cables terminated with SMA-M

Super Low Profile Antenna LTE/GPS (ANT-SLPA-3SP)



The Comset ANT-SLPA-3SP is a compact and heavy-duty antenna incorporating two antenna elements. One element is for 3G, 4G and 5G networks covering frequencies between 698 and 3800 MHz and one element is for GPS.

The ANT-SLPA-3SP 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-SLPA-3SP

ELECTRICAL DATA – LTE

Frequency

- 698 – 960 MHz
- 1710 – 3800 MHz

Gain

- 3 dBi

Polarisation

- Vertical

Voltage Standing Wave Ratio

- < 2.0

Impedance

- 50 Ω

ELECTRICAL DATA – GPS (GLONASS)

Dielectric Antenna

Frequency

- 1575.42 ±3MHz

Gain

- 3 dBi

Polarisation

- RHCP

Voltage Standing Wave Ratio

- < 1.5

Impedance

- 50 Ω

LNA

- LNA Gain
• 28 ± 2 dB (typical)

Polarisation Type

- RHCP

Voltage Standing Wave Ratio

- < 2.0

Impedance

- 50 Ω

Noise Figure

- 1.5 dB

DC Voltage

- 2.7/3.0/3.3/5.0/3.0 to 5.0 V

DC Current

- 11 mA Max

MECHANICAL DATA

Colour

- Black

Cable

- LTE & GPS: RG174
- 3 m length
- SMA male connector

Working Temperature

- -40 °C to +80 °C

Humidity

- 55% - 75% RH

IP Rating

- IP67 – dust tight, and water resistant

Radome Material

- ABS

Mount

- Screw mount

Dimensions

- Ø80 x 20 mm

Weight

- 120 g

NETWORK COMPATIBILITY

Carrier	Frequency (MHz)	Band	Gain (dBi)	Compatible
Telstra (4GX)	700	28	3.0	✓
Telstra 4G	1800	3	3.0	✓
Telstra 4G	2100	1	3.0	✓
Telstra 4G	2600	7	3.0	✓
Telstra 5G	3500	n78	3.0	✓
Optus (4G Plus)	700	28	3.0	✓
Optus 4G	900	8	3.0	✓
Optus 4G	1800	3	3.0	✓
Optus 4G	2300	40	3.0	✓
Optus 4G	2600	7	3.0	✓
Optus 5G	3500	n78	3.0	✓
Vodafone (4G+)	850	5	3.0	✓
Vodafone 4G	900	8	3.0	✓
Vodafone 4G	1800	3	3.0	✓
Vodafone 4G	2100	1	3.0	✓
TPG 4G	700	28	3.0	✓
TPG 4G	2600	7	3.0	✓
NBN Co	2300	40	3.0	✓