



## ACCESSORIES +

# ELPRO ANTENNAS CELLULAR BAND

Antenna's for use with ELPRO products in the 869-900MHz bands

## OMNI DIRECTIONAL

The 4G LTE, 3G, GSM and cellular band antennas are designed for fixed and mobile wireless applications and suitable for use with all the ELPRO cellular product range.

Rugged constructed, with various mounting options the antennas are vertically polarized with a 360° directional radiation pattern.



## SPECIFICATIONS

Parameters	WHLTE-3	CSNEXTG-GSM3G-2	SGNEXTG-GSM-6
Frequency <sup>a</sup>	690-960 / 1710-2700 MHz	690-960 / 1710-2700 / 3500-3800 MHz	825-960 MHz & 1710-2190 MHz
Gain	2, 4dBi <sup>a</sup>	2dBi, 3.5dBi, 5dBi <sup>b</sup>	6.2dBi, 3dBi <sup>b</sup>
H-Plane	1/4 radiating element	Omni directional (360°)	Omni directional (360°)
E-Plane	N/A	N/A	32°
Bandwidth	Full freq range	Full freq range	Full freq range
VSWR	<2.0:1	<2.0:1	<1.6:1
Polarization	Linear	Vertical	Vertical
Termination	SMA male 3m (9.8') RG174 cable	N type female with 1250mm (50") of RG-58 coaxial cable	200mm low loss, solid core coax tail with N-female connector
Housing	Compact moulded sheath	UV stable black polycarbonate radome	Fiberglass / aluminium
Mounting	Magnetic base <sup>c</sup>	Aluminum ferrule with 16mm (0.5") hole and locknut <sup>c</sup>	Aluminum tube 20 mm (0.8") ø, use BR-COL-KIT mounting kit
Wind loading at 160Km/h (99mph)	N/A	N/A	2.4kg (5.2 lbs) @ 160 km/h (99 mph)
Bracket Included	N/A	N/A	Yes
<b>Dimensions</b>			
Size (length)	110mm x 30mm (4" x 1.2")	950mm x 50mm (35.7")	800mm(32")
Weight	0.35kg (0.8lbs)	0.20kg (0.5lbs)	0.7kg (1.5lbs)

**Note: Specifications are subject to change.**

<sup>a</sup> = 3m coaxial cable

<sup>b</sup> = Gain across multiple bands

<sup>c</sup> = Requires groundplane (50cm x 50cm)

---

**Order Codes**

WHLTE-3	Cellular antenna, 4.3" (110 mm)
CSNEXTG-GSM3G-2	Cellular antenna, SMA male
SGNextG-GSM-6	Cellular antenna, N-type female

---

## CONTACT

**Australia**

ELPRO Technologies

29 Lathe Street

Virginia QLD 4014

**T** +61 7 3352 8600**E** [sales@elprotech.com](mailto:sales@elprotech.com)**W** [elprotech.com](http://elprotech.com)**USA**

ELPRO Technologies Inc

2028 East Ben White Boulevard

#240-5656 Austin, TX 78741-6931

**T** +1 855 443 5776**E** [sales@elprotech.com](mailto:sales@elprotech.com)**W** [elprotech.com](http://elprotech.com)

## HOW TO ORDER

Simply send us an email at

[sales@elprotech.com](mailto:sales@elprotech.com), contact your local distributor, or phone **+61 7 3352 8600**An **envirada** group company