



## LTE LAGUNA MODEL 9000 OUTDOOR CPE

- **High gain 15dBi embedded Antenna**
- **TD-LTE – 3GPP Release 9, UE Category 4**
- **Device Management – Web and TR69**
- **IP67 environmental rating – fully ruggedized - suitable for the harshest outdoor deployment scenarios**
- **Optional indoor Wifi POE**
- **Cost-effective, rugged CPE**
- **Easy installation saves time and money**

### PRODUCT APPLICATION:

The Dual Mode CPE9000 is a flexible, multi-platform CPE designed to deliver extended coverage and high data throughput for virtually any deployment scenario.

The CPE9000 Outdoor unit supports a wide range of connectivity needs, and can be optimized for a triple-play service offering on LTE platforms. This unit provides high-speed connectivity and extended coverage and is ideal for delivering voice and data to almost any environment. This cost-efficient high performance solution is known for

its simplicity, high-speed and efficiency. It is simple to install, maintain and operate – helping to reduce CAPEX and OPEX.

The high throughput and transmit power of the CPE combine with the small tower footprint and high capacity of the LTE base station to provide reduced base station density enabling faster, more affordable 4G deployments.

# Product Specifications

# CABLE AML

<b>STANDARD COMPLIANCE</b>	3GPP Release 10/11
<b>LTE UE CATEGORY</b>	Cat 6
<b>DUPLEX MODE</b>	TDD
<b>FREQUENCY BANDS</b>	40 (2.35 GHz), 41 (2.6 GHz), 42 (3.5 GHz), 43 (3.7 GHz)
<b>CHANNEL BANDWIDTH</b>	5 MHz, 10 MHz, 15 MHz, 20 MHz
<b>CARRIER AGGREGATION</b>	Contiguous/Non-Contiguous, Two carriers
<b>DOWNLINK MODULATION</b>	QPSK, 16QAM, 64QAM
<b>UPLINK MODULATION</b>	QSPK, 16QAM, 64QAM (Laguna eNodeB only)
<b>L1</b>	DL MIMO 2x2
<b>L2 &amp; L3</b>	Multiple APN; PLMN and Cell Selection
<b>Authentication</b>	USIM: SIM function (1.8V and 3.3V SIM and USIM card)
<b>QoS</b>	Non-GBR, GBR
<b>DIMENSIONS</b>	260 X 250 X 80 mm   10.2 X 9.8 X 3.1 in
<b>WEIGHT</b>	1.2 Kg   2.6 lbs
<b>USER INTERFACE</b>	LAN - 1x100M/1Gb Base-T  Optional infor WiFi PoE: LAN - 2x100/1000Mb Base-T VOICE - 1xRJ11 Embedded WiFi AP
<b>MAXIMUM TRANSMIT POWER</b>	23 dBm
<b>ANTENNA</b>	1Tx / 2 Rx, 15 dBi
<b>POWER SOURCE</b>	100 ~ 240VAC
<b>ENVIRONMENTAL</b>	IP67
<b>OPERATING TEMPERATURE</b>	-40° TO 55° C   -40° TO 131° F