UMTS (3G) NODEB

Field Deployable
Suitcase Enclosure

- **Software Defined:** *supports any UMTS band*

- **Long Range:** *Up to 20km*

- **Easy-to-use, simple management GUI**

- **Variety of form factors including Desktop, Suitcase, or Rack Mount versions available**

- **Multiple Power Amplifier options—wideband or fixed frequency**

TLC Solutions' UMTS NodeB is the smallest, fully-specified NodeB solution on the market today.

The TLC UMTS NodeB is available in a number of different form factors and with a variety of options.

It is ideal for supporting remote, rural, tactical, public safety, and homeland security applications.

The TLC UMTS NobdeB is software defined and supports the choice of any of the UMTS Bands. Frequency can be changed **in the field** with a GUI command and swapping of a field-replaceable filter.

Band	Name	Frequency
1	IMT	1920MHz UL 2110MHz DL
2	PCS	1850MHz UL 1930MHz DL
4	AWS	1710MHz UL 2110MHz DL
5	CLR	824MHz UL 869MHz DL
8	E-GSM	880MHz UL 925MHz DL

Desktop Lab System

3RU Rackmount Chassis

Backed by TLC Solutions' world-class integration and support services, the TLC UMTS NodeB is self-contained and can be ruggedized to survive some of the harshest weather conditions.

SYSTEM SPECIFICATIONS

3G UMTS NodeB:
- 32 Channels voice or data
- 8 simultaneous voice and data (multiRAB)
- 2 Mbps UL
- 14 Mbps DL
- 3GPP Rel. 8/9 compliant
- Any UMTS operating band (1,2,4,5, and 8)
- Range: Up to 20km
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Output Power Options:
- Various options available

Input Power
- 110-240 VAC 50/60 Hz
- 10V-48VDC (Optional)

Temperature
- Operating -5° C to +45° C
- Storage -40° C to +85° C

Humidity
- Operating 0% to 95% Non-condensing

Dimensions
- Depends on configuration

Weight
- Depends on configuration

Network Interface Options
- 1 Gbps Ethernet

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USER FIRST TECHNOLOGY

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TLC Solutions, Inc.
120 Cumberland Park Drive, Suite 101
St. Augustine, FL 32095
phone: (904) 829-0323
fax: (904) 217-0328
email: sales@toplevelcom.com
www.toplevelcom.com