



Worldwide Product Announcement

MultiConnect® Cell 100 Series New LTE Cat 4 Cellular Modem For North America

Near-End-of-Life for Old Ordering Part Numbers (Cat 3 MTC-LAT1 & MTC-LVW2 Models)

Date: July 25, 2019

I. Summary

MultiTech announces a new 4G-LTE Category 4 ordering part number for the MultiConnect® Cell 100 Series of external cellular modems.

At the same time, the existing 4G-LTE Category 3 ordering part numbers are changing status from **Active** to **Near-End-of-Life (NEOL)** effective immediately.

II. Product Description

The [MultiConnect® Cell](#) 100 Series cellular modem is a compact communications platform that provides cellular capabilities for fixed and mobile applications. It is intended for use in settings demanding reliable performance under rugged conditions, low power and long range such as remotely monitoring solar micro-inverters, power generators, tanks, pipelines, meters, pumps and valves in any energy, utility or industrial application.

The MultiConnect Cell 100 Series family has also been successfully deployed by professionals in emergency services, vending, remote patient monitoring, renewable energy systems, End-of-Train system management and process automation. MultiConnect Cell 100 Series modems are fully certified for deployment in multiple geographies around the world, so you can get to market extremely fast. Designed specifically for M2M applications, they provide a long, stable lifecycle and are durable, reliable and easy to deploy.

LTE Cat 4 models are available now.

Important Verizon Requirement:

Firmware Over The Air (FOTA) - At times, your device may require a critical update to radio firmware for devices connecting to the network. To stay compliant to Verizon's LTE requirements you must implement FOTA. Failure to perform a critical update could result in losing access to the Verizon network.

This is a new requirement for devices running on the Verizon LTE network. This new requirement will mandate changes in your host application.

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MultiTech has developed a script for customers to use in order to initiate a FOTA update from the (the customer’s) local host processor (pull FOTA). Full details are provided in the product documentation and at the following link: <https://www.multitech.com/landing-pages/events/campaigns/promotions/products/verizon-fota/fota-notification-page>

III. Key Dates for NEOL Models

- Near-End-of-Life (NEOL) Date:** July 25, 2019
- Last Time Buy Date:** October 31, 2019 or while supplies last
- Last Ship Date/End-of-Life (EOL) Date:** April 30, 2020

Last Time Buy Information

By October 31, 2019, submit confirmed order quantities for guaranteed availability with a Non-Cancellable, Non-Returnable (NCNR) order

Note: All orders placed for products listed in this announcement require an NCNR agreement. Last time ship dates are negotiable with an NCNR agreement. Please contact your MultiTech sales representative for details and a copy of the agreement.

IV. Product Comparison

The new MultiConnect Cell 100 Series include the following enhancements:

- New 4G-LTE Category 4 cellular modem
- One ordering part number for both AT&T and Verizon networks
- Higher peak downlink data rates

Bands supported with the new 4G-LTE Category 4 (-LNA4 models):

AT&T 4G-LTE Bands Supported: 2, 4, 5, and 12

Verizon 4G-LTE Bands Supported: 4 and 13

	4G-LTE Category 4 AT&T/Verizon (-LNA4 Models)	4G-LTE Category 3 AT&T (-LAT1 Models)	4G-LTE Category 3 Verizon (-LVW2 Models)
Cellular Performance	4G - LTE Category 4	4G - LTE Category 3	4G - LTE Category 3
Cellular Fallback	3G - HSPA+ (AT&T only)	3G - HSPA+, 2G - GPRS	No Fallback
Frequency Bands (MHz)	4G: B2(1900), B4(AWS1700), B5(850), B12(700), B13(700), 3G: B2(1900), B4(AWS1700), B5(850)	4G: B2(1900), B4(AWS1700), B5(850), B17(700) 3G: B2(1900), B5(850)	4G: B4(AWS1700), B13(700)
Packet Data (LTE FDD)	Up to 150 Mbps peak downlink Up to 50 Mbps peak uplink	Up to 100 Mbps peak downlink Up to 50 Mbps peak uplink	Up to 100 Mbps peak downlink Up to 50 Mbps peak uplink

V. New Ordering Part Numbers

Ordering Part Number	Description	Region
MultiConnect® Cell 100 Series LTE Cat 4 Embedded Cellular Modems		
MTC-LNA4-B01	LTE Cat 4 Cellular Modem, RS-232 Interface, without Accessories (AT&T/Verizon Dual Mode Cell)	US/Can

NEOL Ordering Part Numbers

NEOL Ordering Part Number	Description	Region
MultiConnect® Cell 100 Series LTE Cat 3 Embedded Cellular Modems		
MTC-LAT1-B01	LTE Cat 3 Modem,RS-232 w/Fallback, w/o Accessories (AT&T)	US/Can
MTC-LAT1-B01-US	LTE Cat 3 Modem, RS-232 Interface w/Fallback, w/US Accessory Kit(AT&T)	US/Can
MTC-LAT1-B02	LTE Cat 3 Modem,RS-232 w/GPS & Fallback, w/o Accessory Kit (AT&T)	US/Can
MTC-LAT1-B02-US	LTE Cat 3 Modem,RS-232 w/GPS & Fallback, w/US Accessory Kit (AT&T)	US/Can
MTC-LAT1-B03-KIT	LTE Cat 3 Modem, USB Interface w/Fallback, w/USB Accessory Kit (AT&T)	US/Can
MTC-LAT1-B03	LTE Cat 3 Modem, USB w/Fallback, w/o Accessory Kit (AT&T)	US/Can
MTC-LVW2-B01	LTE Cat 3 Modem, RS-232 Interface w/o Accessory Kit (Verizon)	US
MTC-LVW2-B01-US	LTE Cat 3 Modem (RS-232) w/US Accessory Kit (Verizon)	US
MTC-LVW2-B02	LTE Cat 3 Modem, RS-232 Interface w/GPS, w/o Accessory Kit (Verizon)	US
MTC-LVW2-B02-US	LTE Cat 3 Modem(RS-232) w/GPS, w/US Accessory Kit (Verizon)	US

Product specifications are subject to change without notice.

MTC-Lxxx models are encryption items. U.S. Export Administration Regulations have special restrictions on the export of encryption items; please refer to these regulations. Any export of commodities, technology, or software must be exported from the United States in accordance with the Export Administration Regulations. Export or diversion contrary to U.S. law is prohibited.

Cross Reference Table

NEOL Ordering Part Number	Description	New Ordering Part Number	Description
MTC-LAT1-B01	LTE Cat 3 Modem,RS-232 w/Fallback, w/o Accessory Kit (AT&T)	MTC-LNA4-B01	LTE Cat 4 Modem, RS-232 interface without Accessory Kit (AT&T - Verizon Dual mode cell)
MTC-LAT1-B01-US	LTE Cat 3 Cellular Modem, RS-232 Interface w/Fallback, w/US Accessory Kit (AT&T)	MTC-LNA4-B01-US*	LTE Cat 4 Modem, RS-232 interface with US Accessory Kit (AT&T - Verizon Dual mode cell)
MTC-LAT1-B02	LTE Cat 3 Modem,RS-232 w/GPS & Fallback, w/o Accessory Kit (AT&T)	Contact MultiTech Sales	N/A
MTC-LAT1-B02-US	LTE Cat 3 Modem,RS-232 w/GPS & Fallback, w/US Accessory Kit (AT&T)	Contact MultiTech Sales	N/A
MTC-LAT1-B03-KIT	LTE Cat 3 Cellular Modem, USB Interface w/Fallback, w/USB Accessory Kit (AT&T)	MTC-LNA4-B03-KIT*	LTE Cat 4 Modem, USB interface with USB Accessory Kit (AT&T - Verizon Dual mode cell)
MTC-LAT1-B03	LTE Cat 3 Modem, USB w/Fallback, w/o Accessory Kit (AT&T)	MTC-LNA4-B03*	LTE Cat 4 Modem, USB interface without Accessory Kit (AT&T - Verizon Dual mode cell)
MTC-LVW2-B01	LTE Cat 3 Modem, RS-232 Interface w/o Accessory Kit (Verizon)	MTC-LNA4-B01	LTE Cat 4 Modem, RS-232 interface without Accessory Kit (AT&T - Verizon Dual mode cell)
MTC-LVW2-B01-US	LTE Cat 3 Modem (RS-232) w/US Accessory Kit (Verizon)	MTC-LNA4-B01-US*	LTE Cat 4 Modem, RS-232 interface with US Accessory Kit (AT&T - Verizon Dual mode cell)
MTC-LVW2-B02	LTE Cat 3 Modem, RS-232 Interface w/GPS, w/o Accessory Kit (Verizon)	Contact MultiTech Sales	N/A
MTC-LVW2-B02-US	LTE Cat 3 Modem(RS-232) w/GPS, w/US Accessory Kit (Verizon)	Contact MultiTech Sales	N/A

*These models were announced in November of 2018 and are currently available.

VI. Warranty and Support

Two-Year Product Warranty

All MultiTech products include a two-year warranty that includes on-line technical support, 24-hour website support and ftp support.

VII. Suggested Action Plan

To help facilitate the launch of the new ordering part numbers, we recommend the following actions be taken:

- Forward this announcement to others within your organization who are actively involved in the sale or support of cellular modems.
- Ensure that the new ordering part numbers are loaded in your pricing system.
- Place initial stocking orders for the new ordering part numbers.
- Use the new ordering part numbers for all new design registrations.
- Notify and work with existing customers to migrate them to the new ordering part numbers.

VIII. Additional Information

If you have any questions or require additional information on this Product Announcement, please contact your MultiTech sales representative:

World Headquarters – U.S.

+(763) 785-3500 | sales@multitech.com

EMEA Headquarters – UK:

+(44) 118 959 7774 | sales@multitech.co.uk