



MultiConnect[®] Cell 100 Series

4G-LTE Cat 4 Cellular Modems

MultiConnect[®] Cell 100 Series cellular modem is a compact communications device 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. 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.

BENEFITS

- Accelerated time-to-market
- Extended service life
- Certified and carrier approved

FEATURES

- 7-1/2 inch integrated ODU-USB cable
- Internal cellular antennas
- 4G-LTE Cat 4 cellular models
- PTCRB approved
- Regional approvals include use in Australia, Canada, European Union, United Kingdom, and United States
- CE, FCC, IC, RCM, UKCA certified models available
- Two-year warranty

SPECIFICATIONS*

Models	MTCP-LAP4-B03-LP	MTCP-LEU4-B03-LP	MTCP-L4N1-B03-LP
Regions	Australia Japan	European Union United Kingdom	Canada United States
Module	Telit LE910C4-AP	Telit LE910-EU	Telit LE910C4-NF
Performance**	3GPP Release 10 4G-LTE FDD Category 4 150 Mbps peak downlink 50 Mbps peak uplink with 3G/2G fallback	3GPP Release 13 4G-LTE FDD Category 4 150 Mbps peak downlink 50 Mbps peak uplink with 3G/2G fallback	3GPP Release 10 4G-LTE FDD Category 4 150 Mbps peak downlink 50 Mbps peak uplink with 3G fallback
Frequency Bands (MHz)	4G LTE FDD: B1(2100), B3(1800), B5(850), B8(900), B9(1900), B18(800), B19(800), B26(850), B28(700) 3G: B1(2100), B5(850), B6(600), B8(900), B19(850)	4G LTE FDD: B1 (2100), B3 (1800), B7 (2600), B8 (900), B20 (700) 3G: B1 (2100), B8 (900) 2G: B3 (1800), B8 (900)	4G LTE FDD: B2(1900), B4(AWS1700), B5(850), B12(700a), B13(700c), B14(700 FirstNet*), B66(AWS-3 1700), B71(600) 3G: B2(1900), B4(AWS1700), B5(850)
SMS	Mobile Originate, Mobile Terminated, Cell Broadcast / PDU or Text Mode		
TCP/IP Functions	FTP, SMTP, SSL, TCP, UDP		
Connectors	Micro SIM (3FF); 1.8V & 3V, USB 2.0 through ODU Connector		
Input Power	5VDC		
Modes of Operation	AT commands controlled by host device		
LEDs	2 (Power & Link Status)		
Weight	7 ounces		
Environmental			
Operating Temperature	-20° to +60° C		
Storage Temperature	-40° to +70° C		
Relative Humidity	5% - 95% RH non-condensing		
Certifications			
EMC and Radio Compliance	AS/NZS CISPR 32 AS/CA S042.1	CE, UKCA	FCC, IC
Safety Compliance	AS/NZS 62368-1	IEC 62368-1	UL/cUL/IEC 62368-1
Network Compliance	N/A		PTCRB
Network Operator	N/A		AT&T, Verizon
Agency Certification	RCM, Telec	N/A	N/A

* See device guides or AT command guides for additional information.

** Actual performance speeds may be affected by a variety of attributes such as cell tower distance, data loads, packet sizes, etc.

*All future end-user (OEM) devices will and must go through FirstNet certification prior to being included in the FirstNet device ecosystem.

ORDERING INFORMATION

MultiConnect® Cell 100 Series Models

Model	Description	Region
MTCP-LAP4-B03-LP	LTE Category 4 Cellular Modem. Includes 7-1/2 inch Integrated ODU-USB Cable, and Internal Antennas	Australia Japan
MTCP-LEU4-B03-LP	LTE Category 4 Cellular Modem. Includes 7-1/2 inch Integrated ODU-USB Cable, and Internal Antennas	European Union United Kingdom
MTCP-L4N1-B03-LP	LTE Category 4 Cellular Modem. Includes 7-1/2 inch Integrated ODU-USB Cable, and Internal Antennas	Canada United States

Services & Warranty

MultiTech's comprehensive Support Services programs offer a full array of options to suit your specific needs. These services are aimed at protecting your investment, extending the life of your solution or product, and reducing total cost of ownership. Our seasoned technical experts, with an average tenure of more than 10 years, can walk you through smooth installations, troubleshoot issues and help you with configurations.

Technical Support Services

At MultiTech, we're committed to providing you personalized attention and quality service while providing you a quick response to your product support needs. We have several options of support for you to choose from.

For additional information on Support Services as well as other service offerings, please contact your MultiTech representative or visit: multitech.com/product-support/

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Produced in the U.S. of U.S. and non-U.S. components. Features and specifications are subject to change without notice.

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