Overview

The MultiConnect microCell (MTCM2) is a compact communications device that provides network capabilities for fixed and mobile applications.

Package Contents

Your package includes the following (varies with model):

Device	1- MultiConnect microCell modem
Antennas	2 - External antennas
Cable	1 - 1.5 USB extension cable (*MTCM2-L6G1 only*)
Documents	1 - Quick Start, 1 - Warranty information

Documentation

To download documentation, go to https://www.multitech.com/brands/multiconnect-microcell, select your model and click **Manuals** for device specific documentation.

Document	Description
MultiConnect microCell User Guide	Hardware, regulatory, and getting started information.
MultiConnect microCell Quick Start	This document. Steps for getting started. Check online for an update version.
AT Commands Reference Manual	Lists AT Commands and parameters used to communicate with your device.

Side Panels

Connectors

The device has the following connectors:

- **USB** 1 USB connector,
- **SMA** 2 female SMA connectors, labeled CELL and AUX
- **SIM** 1 micro-SIM slot, between the SMA connectors

LEDs

Note:
- For additional LED information, refer to the User Guide for your model.
- Slow is 1 second, on 1 second off.
- Fast is 200 milliseconds, on 200 milliseconds off.

LED	Status	Description
Power	On	Device has power
	Off	Device does not have power
Link Status (LS)	On	Radio is not registered
	Flash Slow	Registered
	Off	Radio is turned off, in PSM mode, receiving a firmware update, or SIM is not inserted.
LTE	On	LTE
	Flash Fast	*L4G1 only* 3G
	Flash Slow	*L4G1 only* 2G
	Off	SIM not inserted or radio technology unknown
SIM	On	Ready
	Flash Slow	Other
	Off	SIM not inserted

LED	Status	Description
Signal Strength	On	Good
	Flash Fast	Fair
	Flash Slow	Poor
	Off	Too low for communication or SIM not inserted.

Dimensions

With antennas attached, the dimensions are as follows. Refer to the user guide for more detailed dimensions.

Installing a SIM Card

To operate the device, you need a micro SIM card (3FF) from your network provider.

To install the SIM card:

1. Locate the SIM card slot on the device. It is labeled SIM.
2. Push the SIM card into the slot with the contact side facing up as shown. The SIM card locks into place.

Installing the Device

1. Install drivers on your computer. Go to https://www.multitech.com/brands/multiconnect-microcell, select your model, and click **Downloads**.
2. Connect antennas to the antenna connectors.
3. Connect the USB connector to your computer directly, through a hub, or with a USB extension cable.

The USB connection powers the device and the **POWER** LED lights.

Regulatory Information

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation.

For additional regulatory information, see your device's user guide or go to your device's page at http://www.multitech.com

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MultiConnect® microCell Cellular Modem (MTCM2)

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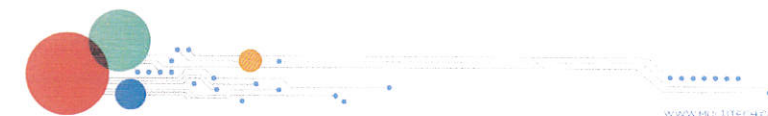support@multitech.com
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MultiConnect® microCell Cellular Modem
MTCM2 Quick Start