Mobile Mark’s LTM403 Series Multiband Diversity/MIMO antenna contains four separate antennas, all in one compact antenna housing: one Cellular/LTE, two dual-band WiFi antenna, and one GPS.

WiFi MIMO (multiple-input-multiple-output) modems offer greater speed and capacity than earlier generations of modems. They achieve this by sending RF signals on multiple antenna elements to maximize the amount of information transmitted and received.

This 4-element LTM antenna is designed for fleet management systems that combine GPS with a 2-element WiFi MIMO modem as well as a single element LTE/Cellular modem. For systems that require MIMO on both bands, the 5-cable LTM502 is recommended.

Measuring 5.5” (140mm) in diameter with a low profile of 2.38” (60.4mm), 5.5” (140mm) x 2.78” (70.6mm) with the magnet mount, LTM series antennas take up significantly less space than multiple antennas and cut down on installation time and costs by offering a single mounting hole.

The antennas can also be configured for combined GPS & Glonass use.

### Specifications

- **Frequency & Gain (peak)**:
  - Cable 1 (Cellular/LTE): 694-960 MHz, 3 dBi
  - 1710-2170 MHz, 4 dBi
  - 2.4-2.5 & 4.9-6.0 GHz, 5 dBi
  - 1575.42 +/- 2 MHz, 26 dB, 5 dBi
- **VSWR**: 2:1 VSWR over Range
- **Impedance**: 50 Ohm Nominal
- **Maximum Power**: 10 Watts
- **Case**: 5.50” Dia. x 2.38” High (140mm x 60.4mm)
- **Radome Material**: ASA UV-Stable Plastic

- **Operating Temperature**: -40° to +80° C
- **Connectors**:
  - Cable 1-3
  - Cable 4 (GPS)

- **MLTM Mounting**: Magnet mount

- **Shock & Vibration**: IEEE1478, EN61373, MIL-810G, TIA 329.2-C
- **Water Ingress**: IP67

*Measured on 1‘ ground with 1‘ cable

### Model Configurator

<table>
<thead>
<tr>
<th>Cable Options:</th>
<th>Connector Options:</th>
<th>Color Options:</th>
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Example: LTM403-3C3C3C2C-WHT-180
MLTM403-3C3C3C2C-BLK-180 (mag-mount option)

Specify “LTMG” or “MLTMG” instead of “LTM” or “MLTM” for GPS/Glonass combination antenna.

(Other Configurations available.)