



## LTM601 Multi-band 6-cable LTE, WIFI & GPS

- 6-cables: two for Cellular & LTE, three for WiFi, and one for GPS
- WiFi elements can be used for WiFi MIMO or for separate WiFi modems
- Available with GPS or with combination GPS/Glonass

Mobile Mark's LTM601 Series Multiband Diversity/MIMO antenna contains six separate antenna elements, all in one compact antenna housing: two broadband LTE/Cellular antennas, three WiFi antennas, and one GPS antenna. The LTM601 covers Cellular LTE frequencies from 694-2170 MHz.

MIMO (multiple-input-multiple-output) modems for both WiFi and LTE/Cellular 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. To ensure optimum performance, the systems need multiple antennas on both the transmission and receive ends.

With 6-elements, the new LTM antenna is ideal for fleet management systems that combine GPS with both an LTE 2x MIMO modem as well as a WiFi 3x MIMO Modem.

Measuring 5.5" (140mm) in diameter with a low profile of 2.38" (60.4mm), LTM series antennas take up significantly less space than multiple antennas. The radome is available in either black or white. The antennas can also be configured for combined GPS & Glonass use.

This antenna is not available as a mag-mount.

Model Configurator	
LTM601	<input type="text"/>
Cable/Conn 1	<input type="text"/>
Cable/Conn 2	<input type="text"/>
Cable/Conn 3	<input type="text"/>
Cable/Conn 4	<input type="text"/>
Cable/Conn 5	<input type="text"/>
Cable/Conn 6	<input type="text"/>
Color	<input type="text"/>
Cable Length in Inches (eg. 12 or 180)	<input type="text"/>
Example: LTM601-3C3C3J3J3J2C-WHT-180	
Specify "LTMG" instead of "LTM" for GPS/Glonass combination antenna.	
<b>Cable Options:</b>	<b>Connector Options:</b>
<b>Code</b> <b>Cable</b>	<b>Code</b> <b>Connector</b>
2 RG-174	C SMA
3 RF-195	J RP SMA
<b>Color Options:</b>	
<b>Code</b> <b>Color</b>	
WHT White	
BLK Black	
(Other Configurations available.)	

Specifications			
<b>Frequency &amp; Gain (peak)*:</b>		<b>Operating Temperature:</b>	
Cable 1 & 2 (Cellular)	694-960 MHz, 3 dBi 1710-2710 MHz, 4 dBi	-40° to +80° C	
Cable 3, 4 & 5 (WiFi)	2.4-2.5 & 4.9-6.0 GHz, 5 dBi	<b>Connectors, standard:</b>	
Cable 6 (GPS)	1575 MHz, 26 dB, 5 dBi	SMA Plugs & RP SMA Plugs	
GPS & Glonass option	1575 MHz & 1612 MHz	<b>Cable:</b>	
<b>VSWR*:</b>		Cable 1-5	Separate RF-195, 15 ft (4.5m)
<b>Impedance:</b>		Cable 6 (GPS)	RG-174, 15 ft (4.5 meters)
<b>Maximum Power:</b>		<b>Mounting:</b>	
2:1 VSWR over Range		7/8" (22mm) Dia. Feed through	
<b>Case size:</b>		3/4"(19mm) long thread for up to 1/2" (12mm) thick surface	
5.50" Dia. x 2.38" High (140mm x 60.4mm)		<b>Shock &amp; Vibration:</b>	
<b>Radome Material:</b>		IEEE1478, EN61373, MIL-801G, TIA 329.2-C	
ASA UV Inhibitive Plastic		<b>Water Ingress:</b>	
		IP67, NEMA 4X	