



LTM602 multi-band 6-cable Cellular, WiFi & GPS

- 6-cables: two for Global Cellular, three for WiFi, and one for GPS
- Covers all Cellular & LTE frequencies worldwide, from 694 MHz to 3700 MHz
- WiFi elements used for WiFi MIMO or for separate WiFi modems

Mobile Mark's LTM602 Series Multiband Diversity/MIMO antenna contains six separate antennas, all in one compact antenna housing: two Global Cellular (up to 3.7 GHz) antennas, three dual-band WiFi antennas, and one GPS antenna.

MIMO (multiple-input-multiple-output) modems offer higher speed and capacity. 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 elements on both the transmission and receive ends. The LTM combines these elements in one housing.

With 6-elements, the new ITM antenna is ideal for fleet management systems that combine GPS with both a Global Cellular 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

LTM602--

Cable/Conn 1	<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>
Cable/Conn 2	<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>
Cable/Conn 3	<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>
Cable/Conn 4	<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>
Cable/Conn 5	<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>
Cable/Conn 6	<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>
Color	<input style="width: 100%; border: 1px solid black;" type="text"/>																		
Cable Length in Inches (eg. 12 or 180)	<input style="width: 100%; border: 1px solid black;" type="text"/>																		

Example: LTM602-3C3C3J3J3J2C-WHT-180

Specify "LTMG" instead of "LTM"
for GPS/Glonass combination antenna.

Cable Options:		Connector Options:		Color Options:	
Code	Cable	Code	Connector	Code	Color
2	RG-174	C	SMA	WHT	White
3	RF-195	J	RP SMA	BLK	Black

(Other Configurations available.)

Specifications			
Frequency & Gain (peak)*:		Connectors, standard:	SMA Plugs & RP SMA Plugs
Cable 1 & 2 (Cellular)	694-960 MHz, 3 dBi 1710-3700 MHz, 4 dBi	Cable:	
Cable 3, 4 & 5 (WiFi)	2.4-2.5 & 4.9-6.0 GHz, 5 dBi	Cable 1-5	Separate RF-195, 15 ft (4.5m)
Cable 6 (GPS)	1575 MHz, 26 dB, 5 dBi	Cable 6 (GPS)	RG-174, 15 ft (4.5 meters)
GPS & Glonass option	1575 MHz & 1612 MHz	Mounting:	7/8" (22mm) Dia. Feed through 3/4" (19mm) long thread for up to 1/2" (12mm) thick surface
VSWR*:	2:1 VSWR over Range	Shock & Vibration:	IEEE1478, EN61373, MIL-810G, TIA 329.2-C
Impedance:	50 Ohm Nominal	Water Ingress:	IP67, NEMA 4X
Maximum Power:	10 Watts		
Case size:	5.50" Dia. x 2.38" High (140mm x 60.4mm)		
Radome Material:	ASA UV Inhibitive Plastic		
Operating Temperature:	-40° to +80° C		