



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

- 6-cables: two for Global Cellular, three for WiFi, and one for GPS
- Global Cellular covers up to 3.7 GHz
- 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 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 a Global Cellular 2xMIMO modem as well as a WiFi 3xMIMO 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"/>
Cable/Conn 2	<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"/>
Cable/Conn 4	<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"/>
Cable/Conn 6	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Color	<input type="text"/>						
Cable Length in Inches (eg. 12 or 180)	<input 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)*:		Operating Temperature:	-40° to +80° C
Cable 1 & 2 (Cellular)	694-960 MHz, 3 dBi 1710-3700 MHz, 4 dBi	Connectors, standard:	SMA Plugs & RP SMA Plugs
Cable 3, 4 & 5 (WiFi)	2.4-2.5 & 4.9-6.0 GHz, 5 dBi	Cable:	
Cable 6 (GPS)	1575 MHz, 26 dB, 5 dBi	Cable 1-5	Separate LL-195, 15 ft (4.5m)
GPS & Glonass option	1575 MHz & 1602 MHz	Cable 6 (GPS)	RG-174, 15 ft (4.5 meters)
VSWR*:	2:1 VSWR over Range	Mounting:	7/8" (22mm) Dia. Feed through 3/4" (19mm) long thread for up to 1/2" (12mm) thick surface
Impedance:	50 Ohm Nominal	Shock & Vibration:	IEEE1478, EN61373, MIL-810G, TIA 329.2-C
Maximum Power:	10 Watts	Water Ingress:	IP67, NEMA 4X
GPS			
Amplifier Bias:	2.7 to 5 VDC		
Noise Figure:	2.0 dB max, 1.7 dB typical		
Current:	20 mA max, 10 mA typical		
Case size:	5.50" Dia. x 2.38" High (140mm x 60.4mm)		
Radome Material:	ASA UV Inhibitive Plastic		

\*Measured on 1'(30cm) ground with 1'(30cm) cable