



LTM403 multi-band 4-cable Cellular/LTE, WiFi MIMO & GPS

- 4-cables: one for Cellular/LTE, two for WiFi, and one for GPS
- Two WiFi elements can be used for WiFi MIMO or for separate WiFi modems
- Field proven design; dependable link
- Meets Industrial & Military specs

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 the 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.

Model Configurator

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Cable/Connector 1 ————

Cable/Connector 2 ————

Cable/Connector 3 ————

Cable/Connector 4 ————

Color ————

Cable Length in Inches (eg. 12 or 180) ————

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.

Cable Options:	Connector Options:	Color Options:
Code Cable	Code Connector	Code Color
1 RG-58	A TNC	WHT White
2 RG-174	C SMA	BLK Black
3 RF-195	J RP SMA	

(Other Configurations available.)

Specifications			
Frequency & Gain (peak)*:		Operating Temperature:	-40° to +80° C
Cable 1 (Cellular/LTE)	694-960 MHz, 3 dBi 1710-2170 MHz, 4 dBi	Connectors:	SMA Plugs standard
Cable 2 & 3 (WiFi)	2.4-2.5 & 4.9-6.0 GHz, 5 dBi	Cable:	
Cable 4 (GPS)	1575.42 +/- 2 MHz, 26 dB, 5 dBi	Cable 1-3	Separate RF-195, 15 ft (4.5 meters) standard
VSWR*:	2:1 VSWR over Range	Cable 4 (GPS)	RG-174, 15 ft (4.5 meters)
Impedance:	50 Ohm Nominal	LTM Mounting:	7/8" (22mm) Dia. Feed through 3/4" (19mm) Long Thread for up to 1/2" (13mm) thick surface
Maximum Power:	10 Watts	MLTM Mounting:	Magnet mount
Case:		Shock & Vibration:	IEEE1478, EN61373, MIL-810G, TIA 329.2-C
Surface Mount	5.50" Dia. x 2.38" High (140mm x 60.4mm)	Water Ingress:	IP67
Magnet Mount	5.50" Dia. x 2.78" High (140mm x 70.6mm)		
Radome Material:	ASA UV-Stable Plastic		

*Measured on 1' ground with 1' cable