



Mobile Mark's LTM402 Series Multiband Diversity/MIMO antenna contains four separate antennas, all in one compact antenna housing: two Global LTE/Cellular antennas, one 2.4/5 GHz dual-band WiFi antenna, and one GPS antenna. The LTM402 differes from the LTM401 in that it covers all LTE systems worldwide from 694-3700 MHz.

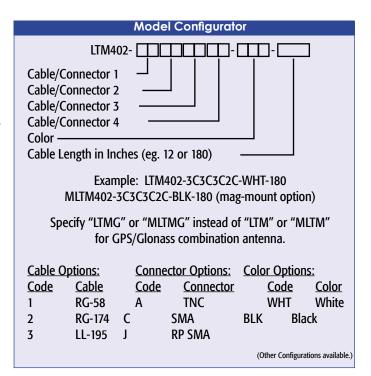
LTE MIMO (multiple-input-multiple-output) modems offer greater speed and capacity than earlier generations of modems. They achieve this by sending RF signals on multiple antenna elements to maximize the amount of information transmitted and received.

This 4-element LTM antenna is designed for fleet management systems that combine GPS with a single element (non-MIMO) WiFi modem as well as a 2-element LTE MIMO 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), LTM series antennas take up significantly less space than multiple antennas. The radome is available in either black or white. The antennas are available in either surface mount or mag-mount models. The antennas can also be configured for combined GPS & Glonass use.

LTM402 multi-band 4-cable Global LTE MIMO, WiFi & GPS

- 4-cables: two for Global Cellular/LTE, one for WiFi, and one for GPS
- Covers all Cellular & LTE frequencies worldwide, from 694 MHz to 3700 MHz
- Meets Industrial & Military specs



Specifications			
Frequency & Gain (peak)*:		Operating Temperature	e: -40° to +80° C
Cable 1 & 2 (Global LTE)	694-960 MHz, 3 dBi &	Connectors:	SMA Plugs standard
	1710-3700 MHz, 4 dBi	Cable:	
Cable 3 (WiFi)	2.4-2.5 & 4.9-6.0 GHz, 5 dBi	Cable 1-3	Separate RF-195,15 ft (4.5
Cable 4 (GPS)	1575.42 +/- 2 MHz, 26 dB, 5 dBi		meters) standard
		Cable 4 (GPS)	RG-174, 15 ft (4.5 meters)
VSWR*:	2:1 VSWR over Range	ITM Mountings	7/0" (22mm) Dia Food thru
Impedance:	50 Ohm Nominal	LTM Mounting:	7/8" (22mm) Dia. Feed thru 3/4"(19mm)Long Thread for
Maximum Power:	10 Watts		up to 1/2"(12mm) thick sur-
Case:		face	up to 1/2 (1211111) thick sur-
Surface Mount	5.50" Dia. x 2.38" High	MLTM Mounting:	Magnet mount
Magnet Mount	(140mm x 60.4mm)	mem mounting.	magnet mount
Magnet Mount	5.50" Dia. x 2.78" High (140mm x 70.6mm)	Shock & Vibration:	IEEE1478, EN61373, MIL-810G,
	(14011111 x 70.011111)		TIA 329.2-C
Radome Material:	ASA UV-Stable Plastic	Water Ingress:	IP67