

**Global LTE Frequencies,
Dual-band WiFi & GPS**

**5-cable Surface
Mount Antenna
in one small
enclosure**



- Compact radome; small size
- Rugged, heavy duty construction
- Broadband global LTE coverage
- Configurable for different systems
- Field proven design, dependable link
- Tested to industry & military specs

The LTM Series is available in several different configurations. The LTM502 is the most comprehensive model and includes 5 separate antennas: two for LTE, two for WiFi and one for GPS. This 5-cable model can support MIMO (multiple-input-multiple-output) signals for both LTE and WiFi.

For wireless systems with different requirements, three other models are available. The LTM402 antenna contains 4 separate antennas: two for LTE, one for WiFi and one for GPS. The LTM403 also contains 4 separate antennas but with a different combination: one for LTE, two for WiFi and one for GPS. The 3-cable LTM302 contains two LTE antennas and one GPS antenna.



Mobile Mark's LTM Series antenna gives you five separate antennas, and all in one compact housing!

The new MIMO (Multiple-Input-Multiple-Output) radios offer greater data speed and capacity. To ensure optimum performance, the system needs MIMO antennas on both the transmission and receive ends of the system.

That's where the power of Mobile Mark's new LTM Series Multiband Antenna really comes into play.

The new LTM Series from Mobile Mark can accommodate up to five separate antennas, all in one compact antenna housing: two LTE antennas, two WiFi antennas as well as one GPS antenna.

Your customers can take full advantage of the newest generation of multiband radios, and you can provide them with dependable, solid antennas, built to Mobile Mark's high standards.

Get the ultimate MIMO mobile antenna... get the LTM Antenna from Mobile Mark for complete, high speed LTE, WiFi and GPS connections.

Model Series	LTE Cable 1 (RF-195)	LTE Cable 2 (RF-195)	WiFi Cable 1 (RF-195)	WiFi Cable 2 (RF-195)	GPS Cable (RG-174)
LTM502 (5 cable)	694-960 MHz (3 dBi) & 1710-3700 MHz (4 dBi)	694-960 MHz (3 dBi) & 1710-3700 MHz (4 dBi)	2.4-2.5 GHz (5 dBi) & 4.9-6.0 GHz (5 dBi)	2.4-2.5 GHz (5 dBi) & 4.9-6.0 GHz (5 dBi)	1575 MHz (5 dBi, 26 dB amplifier)
LTM402 (4 cable)	694-960 MHz (3 dBi) & 1710-3700 MHz (4 dBi)	694-960 MHz (3 dBi) & 1710-3700 MHz (4 dBi)	2.4-2.5 GHz (5 dBi) & 4.9-6.0 GHz (5 dBi)		1575 MHz (5 dBi, 26 dB amplifier)
LTM403 (4 cable)	694-960 MHz (3 dBi) & 1710-3700 MHz (4 dBi)		2.4-2.5 GHz (5 dBi) & 4.9-6.0 GHz (5 dBi)	2.4-2.5 GHz (5 dBi) & 4.9-6.0 GHz (5 dBi)	1575 MHz (5 dBi, 26 dB amplifier)
LTM302 (3 cable)	694-960 MHz (3 dBi) & 1710-3700 MHz (4 dBi)	694-960 MHz (3 dBi) & 1710-3700 MHz (4 dBi)			1575 MHz (5 dBi, 26 dB amplifier)



Specifications	
# cables	Models with 3, 4 or 5 cables
Wireless applications	Up to LTE (2 cables), WiFi (2 cables), GPS (1 cable)
Frequencies	LTE/Cellular: 694-960 MHz & 1710-3700 MHz WiFi dual-band: 2.4-2.5 MHz & 4.9-6.0 GHz GPS: 1575 MHz
Gain	694-960 MHz, 3 dBi 1710-3700 MHz, 4 dBi 2.4-2.5 & 4.9-6.0 GHz, 5 dBi GPS, 5 dBi (26dB amplifier)
Cables	RG-174 for GPS, RF-195 for remaining cables
Connectors	SMA plug standard, other options available
VSWR	< 2:1 over range
Impedance	50 ohm nominal
Max Power	10 watts
Case	140mm dia. x 61 mm high (5.5" dia. x 2.38" high)
Case/Radome material	ASA UV-stable plastic
Mounting	22mm (7/8") dia feed through, 19mm (3/4") long thread for up to 13mm (1/2") thick surface
Operating temperature	-40° to +80° C

Mobile Mark can customize your antennas to allow for longer cable runs, specialized connectors or separate cable assemblies. At Mobile Mark, we'll meet your needs.