

Dual LTE, Dual WiFi, & GPS

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



- Compact radome; small size
- Rugged, heavy duty construction
- Field proven design, dependable link
- Made-in-the-USA at our Illinois factory
- Tested to industry & military specs
- Outstanding electrical performance

Three models series are available: LTM-501, LTM-401 and LTM-301. These antenna series are configured with, respectively, 5, 4 or 3 cables/antenna elements. All three series are LTE MIMO compatible because all three providing TWO antenna elements covering 694-960 MHz & 1710-2170 MHz.

The LTM Series differ in the number of WiFi elements they offer: The LTM-501 offers two elements so that it is WiFi MIMO compatible. Models LTM-401 and LTM-301 are available for wireless networks that do not require WiFi MIMO. The LTM-401 provides one WiFi element and the LTM-301 does not provide any WiFi element.



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 systems 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.

With the new LTM Series from Mobile Mark you can accommodate five separate antennas, all in one compact antenna housing: two LTE 700 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)
LTM-501 (5 cable)	694-960 MHz (3bBi) & 1710-2170 MHz (4dBi)	694-960 MHz (3bBi) & 1710-2170 MHz (4dBi)	2.4-2.5 GHz (5dBi) & 4.9-6.0 GHz (5dBi)	2.4-2.5 GHz (5dBi) & 4.9-6.0 GHz (5dBi)	1575 MHz (5dBi, 26dB amplifier)
LTM-401 (4 cable)	694-960 MHz (3bBi) & 1710-2170 MHz (4dBi)	694-960 MHz (3bBi) & 1710-2170 MHz (4dBi)	2.4-2.5 GHz (5dBi) & 4.9-6.0 GHz (5dBi)		1575 MHz (5dBi, 26dB amplifier)
LTM-301 (3 cable)	694-960 MHz (3bBi) & 1710-2170 MHz (4dBi)	694-960 MHz (3bBi) & 1710-2170 MHz (4dBi)			1575 MHz (5dBi, 26dB 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 & 1710-2170 MHz WiFi dual-band: 2.4-2.5 MHz & 4.9-6.0 GHz GPS: 1575 MHz
Gain	694-960 MHz, 3 dBi 1710-2170 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	5.14" dia. x 2.125" high
Case/Radome material	ASA UV inhibitive plastic
Mounting	7/8" dia feed through, 3/4" lg. tread for up to 1/4" thick surface
Operating temperature	-40° to +80° C

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