



## LTM404 Dual-band 4-cable WiFi MIMO Antenna

- 4x MIMO Surface-Mount Antenna
- Two WiFi elements can be used for WiFi MIMO or for separate WiFi modems
- Meets Industrial & Military specs

Mobile Mark's LTM404 Series Dual-band WiFi MIMO antenna contains four separate antennas, all in one compact antenna housing.

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 provides coverage on both 2.4-2.5 & 4.9-6.0 GHz.

Measuring 5.5" (14 cm) in diameter with a low profile of 2.38" (6.04 cm), and 5.5" (14 cm) x 2.78" (7.06 cm) with the magnet mount. The 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.

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**Model Configurator**

LTM404-         -    -

Cable/Connector 1

Cable/Connector 2

Cable/Connector 3

Cable/Connector 4

Color

Cable Length in Inches (eg. 12 or 180)

Example: LTM404-3C3C3C3C-WHT-180  
 MLTM404-3C3C3C3C-BLK-180 (mag-mount option)

<b>Cable Options:</b>		<b>Connector Options:</b>		<b>Color Options:</b>	
<u>Code</u>	<u>Cable</u>	<u>Code</u>	<u>Connector</u>	<u>Code</u>	<u>Color</u>
3	LL-195	A	TNC	WHT	White
		C	SMA	BLK	Black
		J	RP SMA		

(Other Configurations available.)

Specifications			
Frequency & Gain (peak):		Connectors:	SMA Plugs standard
Cables 1-4 (WiFi):	2.4-2.5 GHz/4.9-6.0 GHz	Cable:	Separate low loss-195, 15 ft (4.5 m) standard
Gain:	5 dBi	Cables 1-4	
VSWR*:	2:1 VSWR over Range	LTM Mounting:	7/8" (2.2 cm) Dia. Feed thru 3/4" (1.9 cm) Long Thread for up to 1/2" (1.3 cm) thick surface
Impedance:	50 Ohm Nominal	MLTM Mounting:	Magnet mount
Maximum Power:	10 Watts	Shock & Vibration:	IEEE1478, EN61373, MIL-810G, TIA 329.2-C
Case:		Water Ingress:	IP67
Surface Mount	5.50" Dia. x 2.38" High (14 cm x 6.04 cm)		
Magnet Mount	5.50" Dia. x 2.78" High (14 cm x 7.06 cm)		
Radome Material:	ASA UV-Stable Plastic		
Operating Temperature:	-40° to +80° C		

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