



LTM503 5-cable: Global LTE MIMO, WiFi, Iridium & GPS

- 5-cables: two for Global Cellular/LTE, one for WiFi, one for Iridium and one for GPS
- Covers all Cellular & LTE frequencies worldwide, from 694 MHz to 3700 MHz
- Multi-band Diversity/MIMO Antenna

Mobile Mark's LTM503 Series Multiband Diversity/MIMO antenna contains five separate antennas, all in one compact antenna housing: two broadband LTE/Cellular antennas, one dual-band WiFi antenna, one Iridium antenna and one GPS antenna. The LTM503 differs from the LTM501 in that it covers the Iridium frequencies from 1616-1626.5 MHz.

LTE MIMO (multiple-input-multiple-output) modems offer greater speed and capacity than earlier generations of modems.

With 5-elements, the new LTM503 antenna is ideal for fleet management systems that combine GPS & Glonass with any Global LTE MIMO modem as well as WiFi MIMO modem.

Measuring 5.5" (140mm) in diameter with a low profile of 2.38", 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. The antennas are available in either surface-mount or mag-mount and can also be configured for combined GPS & Glonass use.

Model Configurator																															
LTM503-	<input type="text"/>																														
Cable/Connector 1	<input type="text"/>																														
Cable/Connector 2	<input type="text"/>																														
Cable/Connector 3	<input type="text"/>																														
Cable/Connector 4	<input type="text"/>																														
Cable/Connector 5	<input type="text"/>																														
Color	<input type="text"/>																														
Cable Length in Inches (eg. 12 or 180)	<input type="text"/>																														
<p>Example: LTM503-3C3C3C3C2C-WHT-180 MLTM503-3C3C3C3C2C-BLK-180 (mag-mount option)</p> <p>Specify "LTMTG" or "MLTMTG" instead of "LTM" or "MLTM" for GPS/Glonass combination antenna.</p>																															
<table border="0"> <tr> <th colspan="2">Cable Options:</th> <th colspan="2">Connector Options:</th> <th colspan="2">Color Options:</th> </tr> <tr> <th>Code</th> <th>Cable</th> <th>Code</th> <th>Connector</th> <th>Code</th> <th>Color</th> </tr> <tr> <td>1</td> <td>RG-58</td> <td>A</td> <td>TNC</td> <td>WHT</td> <td>White</td> </tr> <tr> <td>2</td> <td>RG-174</td> <td>C</td> <td>SMA</td> <td>BLK</td> <td>Black</td> </tr> <tr> <td>3</td> <td>RF-195</td> <td>J</td> <td>RP SMA</td> <td></td> <td></td> </tr> </table>		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		
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Specifications

Frequency & Gain (peak)*:		Operating Temperature:	-40° to +80° C
Cable 1 & 2 (Global LTE)	694-960 MHz, 3 dBi & 1710-3700 MHz, 4 dBi	Connectors:	
Cable 3 (WiFi)	2.4-2.5 & 4.9-6.0 GHz, 5 dBi	Cable:	SMA Plugs Standard
Cable 4 (Iridium)	1616-1626.5 MHz	Cable 1-4	Separate RF-195, 15 ft (4.5m)
Cable 5 (GPS)	1575 MHz, 26 dB, 5 dBic	Cable 5 (GPS)	RG-174, 15 ft (4.5 meters)
VSWR*:	2:1 VSWR over Range	LTM Mounting:	7/8" (22mm) Dia. Feed through
Impedance:	50 Ohm Nominal		3/4" (19mm) Long Thread for up to 1/2" (13mm) thick surface
Maximum Power:	10 Watts	MLTM Mounting:	Magnet mount
Case size:		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:	IPX7
Magnet Mount	5.50" Dia. x 2.78" High (140mm x 70.6mm)		
Radome Material:	ASA UV-Stable Plastic		