

## LTM101 UHF Surface Mount Antenna



LTM101  
 Antenna

- 1-cable antenna for UHF
- 420-470 MHz
- Low loss RF-195 cable

Mobile Mark's LTM101 Series Surface Mount antenna contains a single antenna element in one compact antenna housing. The antenna covers UHF applications from 420-470 MHz.

The LTM101 antenna is designed for UHF systems using a single element. For systems that add in a WiFi modem, the LTM502 (for WiFi MIMO modems) and the LTM402 (for non-MIMO WiFi modems) are 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 and cut down on installation time and costs by offering a single mounting hole.

This antenna can be mounted to a vehicle's metal surface or any bulkhead through a 3/4" hole (19mm). Measuring 5.5" (140mm) in diameter with a low profile of 2.38" (60.4mm). The ASA radome is UV-stable, providing extra protection against harmful UV rays. The radome also gives ample protection against accidental or intentional damage caused by impact.

**Model Configurator**

LTM101---

Cable/Connector 1

Color

Cable length in inches (eg.12)

Example: LTM101-3Y-WHT-12 (for single element)

<u>Cable Options:</u>		<u>Connector Options:</u>		<u>Color Options:</u>	
<u>Code</u>	<u>Cable</u>	<u>Code</u>	<u>Connector</u>	<u>Code</u>	<u>Color</u>
9	RF-195	JA	RP SMA jack	WHT	White
		KA	RP TNC jack	BLK	Black
		V	SMA jack		
		W	TNC jack		
		Y	N jack		

(Other Configurations available.)

Specifications			
Frequency:	420-470 MHz	Cable:	Separate RF-195, 15 ft (4.5 meters) standard
Gain*:	3 dBi	LTM Mounting:	7/8" (22mm) Dia. Feed through 3/4"(19mm) Long Thread for up to 1/2" (13mm) thick surface
VSWR*: Impedance: Maximum Power:	2:1 VSWR over Range 50 Ohm Nominal 60 Watts	Shock & Vibration:	IEEE1478, EN61373, MIL-801G, TIA 329.2-C
Case:	5.50" Dia. x 2.38" High (140mm x 60.4mm)	Water Ingress:	IP67 <small>*Measured on 1' ground with 1' cable</small>
Radome Material:	ASA UV-Stable Plastic		
Operating Temperature: Connectors:	-40° to +80° C SMA Plugs standard		