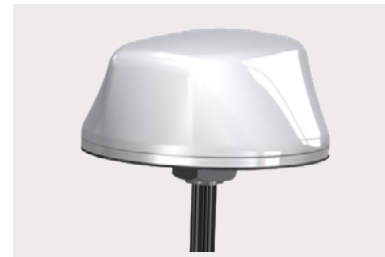# LTMG941

PRODUCT OVERVIEW

The LTMG941 is a 6-cable antenna with 4x LTE, 1x WiFi and 1x GNSS. With 6-elements, the LTMG941 antenna provides a good match for the dual carrier modems that contain two pairs of LTE MIMO elements, one pair for each carrier. These fleet management systems offer Cellular carrier back-up. The WiFi element provides faster through-put for the advanced WiFi processors.

The LTMG941 covers all Global Cellular & LTE frequencies. It also covers CBRS, Private LTE, and 5-G ready. GNSS operates on GPS, Galileo, Glonass, QZSS or Beidou.

Specify LTM941 for a model configured with GPS only.
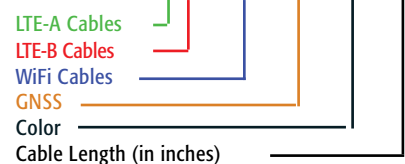Visit our eStore to customize an Antenna Online.

MultibandANTENNA

LTMG941- A3C B3C W3J G2C -WHT- 180

- LTE-A Cables
- LTE-B Cables
- WiFi Cables
- GNSS
- Color
- Cable Length (in inches)

Electrical Specifications			
Frequency & Gain	LTE Cables 1 - 4		694-960 MHz, 2 dBi 1710-3700 MHz, 5 dBi
	WiFi Cable 5		2.4-2.5 & 4.9-6.0 GHz, 5 dBi
	GNSS Cable 6		1560-1606 MHz, 16 dB LNA, 1.5 dB (RHCP)
VSWR	LTE		<2.5:1 VSWR over range (with 12" LMR-100)
	WiFi		<2:1 VSWR over range (with 12" LMR-100)
Impedance	50 Ohm Nominal		
Power Rating	10 Watts		
GNSS	LNA Voltage		1.8 VDC +/- 0.2 V
	Noise Figure		2.0 dB max, 1.7 dB typical
	Current		3.2 mA (Max.)

Mechanical Specifications			
Radome Material & Color	ASA UV-Stable Plastic, Available in Black or White		
Radome Dimension	5.50" (140 mm) Dia x 2.78" (70.4 mm)H		
1ft Pigtail Cable & Connectors Exiting Antenna		LTE	LMR-100 w/SMA Plugs LTEA (Green) & LTE-B (Red)
		WiFi	LMR-100 w/ SMA Plugs (Blue)
		GNSS	RG-174 w/ SMA Plugs (yellow)
Including 14ft Jumper Cables & Connectors		LTE	LL-195 with SMA Jack & SMA Plugs LTE-A (Green) & LTE-B (Red)
		WiFi	LL-195 with SMA Jack & Rev Pol SMA Plugs (Blue)
		GNSS	RG-174 with SMA Jack & SMA Plugs (Yellow)
Operating Temperature	-40° to +80° C		
Mounting	Thru Hole, Ground Plane Dependant		
Shock & Vibration	IEEE1478, EN61373, MIL-810G, TIA 329.2-C		
Water Ingress	IP67		

HIGHLIGHTS:
- Multiband: 4x LTE, 1x WiFi, 1x GNSS
- Dual-Carrier MIMO
- Covers 694-3700 MHz
- 1Ft Cable Pigtails Exit Antenna; 14Ft Cable Jumpers Provided
- Color Coded Cable Type for EASY Match-up
- Made-in-the-USA & UK

RELATED MODELS:
- LTMG944 (4xWiFI)
- LTMG943 (3x WiFi)
- LTMG942 (2x WiFi)
- LTMG940 (NO WiFi)
- LTMWG944 (Wider Freq, Sub-6 & 5G Ready)

COMMON MARKETS:
- Vehicle Fleet Management
- WiFi Data Transfer
- Multiband Modems
- Public Transportation

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USAT | Product Datasheet

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