

# LTMG942

## PRODUCT OVERVIEW

The LTMG942 is a 7-cable antenna with 4x LTE, 2x WiFi6e and 1x GNSS. With 7-elements, the LTMG942 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 2x WiFi elements provide faster through-put for the advanced WiFi processors.

The LTMG942 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 LTM942 for a model configured with GPS only.

Visit our eStore to customize an Antenna Online.

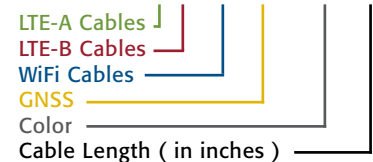
Electrical Specifications		
Frequency & Gain	LTE Cables 1 - 4	694 - 960 MHz, 2 dBi 1710 - 3700 MHz, 5 dBi
	WiFi 6E Cables 5 & 6	2.4 - 2.5 & 4.9 - 7.125 GHz, 5 dBi
	GNSS Cable 7	1561, 1575, & 1602 MHz, LNA 26 dB, 5 dBi ( RHCP )
VSWR	LTE	< 2.5:1 VSWR over range ( with 12" LMR-100 )
	WiFi	< 2:1 VSWR over range ( with 12" LMR-100 )
Impedance	50 Ohm Nominal	
Power Rating	10 Watts	
GNSS	Amplifier Bias Voltage	2.7 to 5 VDC
	Gain	26 dB +/- 3 dB
	Current	20 mA max, 10 mA typical

Mechanical Specifications		
Radome Material & Color	ASA UV-Inhibitive Plastic, Available in Black or White	
Radome Dimension	5.5" ( 13.9 cm ) in diameter 2.38" ( 6.0 cm ) in height	
1ft Pigtail Cables & Connectors Exiting Antenna	LTE	LMR-100 with SMA Plugs LTE-A ( Green ) & LTE-B ( Red )
	WiFi	LMR-100 with SMA Plugs ( Blue )
	GNSS	RG-174 with SMA Plug ( 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 Plug ( Yellow )
Operating Temperature	-40° to +80° C	
Mounting	7/8" Dia. Feed Through 3/4" Ig. Thread for up to 1/2" Thick Surface	
Shock & Vibration	IEEE1478, EN61373, MIL-810G, TIA 329.2-C	
Water Ingress	IP 67 ( When Properly Mounted )	



## MULTI-BAND ANTENNA

LTMG942-A3CB3CW3JG2C-WHT-180



## HIGHLIGHTS:

- Multiband:  
4x LTE, 2x WiFi, 1x GNSS
- WiFi 6E Up to 7.125 GHz
- Dual-Carrier MIMO
- Covers 694 - 3700 MHz
- 1 ft Cable Pigtails Exit Antenna;  
14 ft Cable Jumpers Provided
- Color Coded Cable Type for  
EASY Match-Up
- Made-in-the-USA & UK

## RELATED MODELS:

- LTMWG942  
( Wider Freq, Sub-6 & 5G Ready )
- LTMG944 ( 4x WiFi )
- LTMG943 ( 3x WiFi )
- LTMG941 ( 1x WiFi )
- LTMG940 ( NO WiFi )
- LTM942 ( GPS Model )

## COMMON APPLICATIONS:

- Vehicle Fleet Management
- WiFi Data Transfer
- Multiband Modems
- Public Transportation