

# LTMWG942

## PRODUCT OVERVIEW

The LTMWG942 is a 7-cable antenna with 4x LTE, 2x WiFi and 1x GNSS. With 7-elements it provides a good match for the dual carrier modems that have 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 advanced WiFi processors.

The LTMWG942 covers all Global Cellular & LTE frequencies such as CBRs, Private LTE, and 5-G ready. GNSS operates on GPS, Galileo, Glonass, QZSS or Beidou. This Model is part of our Sub-6 and 5G Ready Solution known as our 626 line. It covers a wide frequency from 617 - 6000 MHz.

Specify LTMW942 for a model configured with GPS only.

Visit our eStore to customize an Antenna Online.

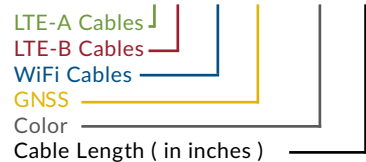
Electrical Specifications		
Frequency & Gain	LTE Cables 1 - 4	617 - 960 MHz, 2 dBi 1710 - 6000 MHz, 5 dBi
	WiFi Cables 5 & 6	2.4 - 2.5 & 4.9 - 6 GHz, 5 dBi
	GNSS Cable 7	1561, 1575, & 1602 MHz, LNA 26 dB, 5 dBi ( RHCP )
VSWR	LTE	< 2.5:1 VSWR over range ( with 12" LMR-100 )
	WiFi	< 2:1 VSWR over range ( with 12" LMR-100 )
Impedance	50 Ohm Nominal	
Power Rating	10 Watts	
GNSS	Amplifier Bias Voltage	3 to 5 VDC
	Gain	26 dB, 5 dBi Antenna
	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" lg. 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

LTMWG942A3CB3CW3JG2C-WHT180



### HIGHLIGHTS:

- Multiband: 4x LTE, 2x WiFi, 1x GNSS
- 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:

- LTMWG944 ( 4x WiFi )
- LTMWG943 ( 3x WiFi )
- LTMWG941 ( 1x WiFi )
- LTMWG940 ( NO WiFi )
- LTMW942 ( GPS Model )

### COMMON APPLICATIONS:

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