

LTMWG942

PRODUCT OVERVIEW

The LTMWG942 is a 7-cable antenna with 4x LTE, 2x WiFi6e 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 LTMWG942 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 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

LTMWG942-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:

- LTMWG944 (4x WiFi)
- LTMWG943 (3x WiFi)
- LTMWG941 (1x WiFi)
- LTMWG940 (NO WiFi)
- LTMWG942 (GPS Model)

COMMON APPLICATIONS:

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



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