

LTMG944

MULTIBAND SURFACE MOUNT ANTENNA

PRODUCT OVERVIEW

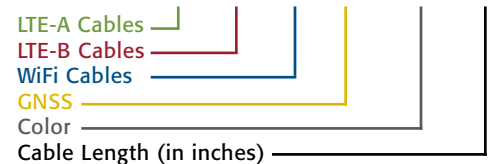
The LTMG944 is an 9-cable antenna with 4x LTE, 4x WiFi 6E, and 1x GNSS. With up to 9 antenna elements in a sleek small form factor, it is one of the smallest in the industry. It provides a good match for the dual-carrier modems that have two pairs of Cellular MIMO elements or WiFi with coverage up to 7.2 GHz. The GNSS element operates on GPS, Galileo, Glonass, QZSS or Beidou. Visit our [eStore](#) to purchase 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 - 8	2.4 - 2.5 & 4.9 - 7.2 GHz, 5 dBi
	GNSS Cable 9	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 Base Material	Corrosion Resistant Aluminum	
Radome Dimension	5.50" (139 mm) in Diameter & 2.38" (60 mm) in Height	
1ft (304.8 mm) 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 (4.26 m) Jumper Cables & Connectors	LTE	LL-195 with SMA Jack & SMA Plugs LTE-A (Green) & LTE-B (Red)
	WiFi 6E	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" (22 mm) Dia. Feed Through 3/4" (19 mm) Ig. Thread for up to 1/2" (13 mm) Thick Surface	
Shock & Vibration	IEEE-1478, EN 61373, MIL-810G, TIA 329.2-C	
Dust & Water Ingress	IP69K (Stud Mount, When Properly Mounted)	
	IP67 (Mag-Mount, When Properly Mounted)	
RoHS Compliant	Yes	



LTMG944-A3CB3CW3JG2C-WHT-180



HIGHLIGHTS:

- Multiband: 4x LTE, 4x WiFi 6E, 1x GNSS
- WiFi 6E Up to 7.125 GHz, WiFi 7 ready
- Dual-Carrier MIMO, Covers 617- 3700 MHz
- 1 ft Cable Pigtailed Exit Antenna;
14 ft Cable Jumpers Provided
- Color Coded Cable Type for EASY Match-Up
- Made-in-the-USA & UK

RELATED MODELS:

- LTMWG944 (Wider Freq, 5G)
- LTMG943 (3x WiFi)
- LTMG942 (2x WiFi)
- LTMG941 (1x WiFi)
- LTMG940 (NO WiFi)
- LTM944 (GPS Model)

COMMON APPLICATIONS:

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



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