

# LTMG508

## PRODUCT OVERVIEW

The 5-cable LTMG508 antenna includes two Global 5G LTE elements, two WiFi elements and one GNSS element. This provides MIMO (multiple-input-multiple-output) coverage for both Cellular and WiFi. In addition, GNSS operates on GPS, Galileo, Glonass, QZSS or Beidou.

The Global LTE 5G-ready antenna element covers: 617-960 & 1710-6000 MHz. Cellular coverage includes these bands: CBRS (Citizen Band Radio Service) at 3.55-3.7 GHz and Band 71 at 617-698 MHz.

This 5 element antenna is part of our 626 line with a wider frequency covering sub-6 & 5G Ready.

Specify LTM508 for a model configured with GPS only.

Visit our eStore to customize an Antenna Online.

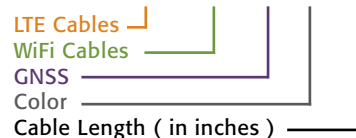
Electrical Specifications		
Frequency & Gain	LTE Cables 1 & 2	617 - 960 MHz, 3 dBi 1710 - 6000 MHz, 4 dBi
	WiFi Cables 3 & 4	2.4 - 2.5 & 4.9 - 6.0 GHz, 5 dBi
	GNSS Cable 5	1561, 1575, & 1602 MHz, LNA 26 dB, 5 dBi
VSWR	617 - 960	< 2.2 MAX, < 2:1 TYP.
	1710 - 6000	< 2:1
Impedance	50 Ohm Nominal	
Power Rating	10 Watts	
GNSS	Amplifier Gain	16 dB
	Amplifier Bias Voltage	3 to 5 VDC
	Noise Figure	2.0 dB max, 1.5 dB typical
	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
Standard Connectors ( MALE )	SMA Plugs for LTE & GNSS, Rev Pol SMA Plugs for WiFi
Cables 1 - 4	Separate LL-195, 15 ft ( 4.5m )
GNSS Cable 5	RG-174, 15 ft ( 4.5 m )
Operating Temperature	-40° to +80° C
Mounting	7/8" ( 22.2 mm ) Dia. Feed Through 3/4" ( 19 mm ) Long Thread for Up to 1/2" ( 12.7 mm ) Thick Surface
Shock & Vibration	IEEE1478, EN61373, MIL-810G, TIA 329.2-C
Water Ingress	IPX7 When Properly Mounted



## MULTI-BAND ANTENNA

LTMG508-3C3C3J3J2C-BLK-120



### HIGHLIGHTS:

- Multiband: 2x LTE, 2x WiFi, 1x GNSS
- Covers Sub-6 5G Ready 617 - 6000 MHz Including CBRS & Band 71
- High Performance; High Gain
- Made-in-the-USA & UK

### RELATED MODELS:

- LLPG508 ( Same Freq, Lower Profile )
- MXFG508 ( Same Freq, MaxFin Style )
- LTM508 ( GPS Model )

### COMMON APPLICATIONS:

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



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