MobileMark
antenna solutions

LTMG308

PRODUCT OVERVIEW

The 3-cable LTMG308 antenna includes two Global 5G LTE elements and one GNSS element. This provides MIMO (multiple-input-multiple-output) coverage for the 5G ready Cellular band. 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, Band 71 at 617-698 MHz, & FirstNet Band 14.

This 3 element antenna is part of our 626 line with a wider frequency covering sub-6 & 5G Ready. Other Cable Length Options are available.

Specify LTM308 for a model configured with GPS only.

Visit our eStore to customize an Antenna Online.

Electrical Specifications		
Frequency & Gain	5G LTE Cables 1 & 2	617 - 960 MHz, 3 dBi 1710 - 6000 MHz, 4 dBi
	GNSS Cable 3	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	26 dB +/- 3 dB
	Amplifier Bias Voltage	2.7 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	SMA Plugs (Male)
Cables 1 & 2	Separate LL-195, 15 ft (4.5m)
GNSS Cable 3	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

LTMG308-3C3C2C-WHT-120

5 G LTE Cables
GNSS
Color
Cable Length (in inches)

HIGHLIGHTS:

- Multiband:
  2x 5G LTE & 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:

- LLPG308
  (Same Freq, Lower Profile)
- MXFG308
  (Same Freq, MaxFin Style)
- LTM308
  (GPS Model)

COMMON APPLICATIONS:

- Vehicle Fleet Management
- Multiband Modems
- Public Transportation

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