

LTMG708

PRODUCT OVERVIEW

The 7-cable LTMG708 antenna includes two Global 5G LTE antennas, four WiFi antennas and one GNSS antenna. 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 7 element antenna is part of our 626 line with a wider frequency covering sub-6 & 5G Ready.

Specify LTM708 for a model configured with GPS only.

Visit our eStore to customize an Antenna Online.

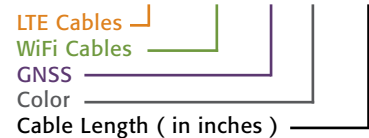
| Electrical Specifications | | |
|---------------------------|-------------------------|------------------------------------------------|
| Frequency & Gain | LTE Cables 1 & 2 | 617 - 960 MHz, 3 dBi 1710 - 6000 MHz, 4 dBi |
| | WiFi Cables 3, 4, 5 & 6 | 2.4 - 2.5 & 4.9 - 6.0 GHz, 5 dBi |
| | GNSS Cable 7 | 1561, 1575, & 1602 MHz, LNA 26 dB, 5 dBi |
| VSWR | < 2:1 VSWR over Range | |
| Impedance | 50 Ohm Nominal | |
| Power Rating | 10 Watts | |
| GNSS | Aplifier 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 - 6 | Separate LL-195, 15 ft (4.5m) |
| GNSS Cable 7 | 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

LTMG708-3C3C3J3J3J2C-WHT-120



HIGHLIGHTS:

- Multiband:
2x LTE, 4x 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:

- LLPG708
(Same Freq, Lower Profile)
- MXFG708
(Same Freq, MaxFin Style)
- LTM708
(GPS Model)

COMMON APPLICATIONS:

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



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