LTMG602

PRODUCT OVERVIEW

The 6-cable LTMG602 contains elements for two Cellular antennas, three WiFi antennas and one GNSS antenna. This provides MIMO (multiple-input-multiple-output) coverage for both Global Cellular and WiFi. This antenna is ideal for fleet management systems that combine GNSS with a broadband LTE MIMO modem as well as a WiFi MIMO modem. GNSS operates on GPS, Galileo, Glonass, QZSS or Beidou.

Specify LTM for units with GPS and LTMG for units with GPS/GLONASS.

Visit our eStore to customize an Antenna Online.

Electrical Specifications		
Frequency & Gain	LTE Cables 1 & 2	694 - 960 MHz, 3 dBi 1710 - 3700 MHz, 4 dBi
	WiFi Cables 3, 4 & 5	2.4 - 2.5 & 4.9 - 6 GHz, 5 dBi
	GNSS Cable 6	1561, 1575, & 1602 MHz, LNA 26 dB, 5 dBi (RHCP)
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 - 5	Separate LL-195, 15 ft (4.5m)
GNSS Cable 6	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	IP 67 When Properly Mounted

MULTI-BAND ANTENNA

LTMG602-3C3C3J3J3J2C-WHT-180

LTE Cables ⎤
WiFi Cables ⎤
GNSS ⎤
Color
Cable Length (in inches)

HIGHLIGHTS:
- Multiband: 2x LTE, 3x WiFi, 1x GNSS
- Covers 694 - 3700 MHz, Including CBRS
- High Performance; High Gain
- Made-in-the-USA & UK

RELATED MODELS:
- LLPG602 (Same Freq, Lower Profile)
- MXFG602 (Same Freq, MaxFin Style)
- LTMG608 (Wider Coverage on 5G Sub-6)
- LTM602 (GPS Model)

COMMON APPLICATIONS:
- Vehicle Fleet Management
- WiFi Data Transfer
- Multiband Modems
- Public Transportation