

LTMG303

MULTIBAND SURFACE MOUNT ANTENNA

PRODUCT OVERVIEW

The 3-cable LTMG303 antenna includes one 4G LTE element, one WiFi 6e element and one GNSS element.

The cellular antenna element covers: 694-960 & 1710-3700 MHz. Cellular coverage includes these bands: CBRS (Citizens Broadband Radio Service) at 3.55-3.7 GHz, Band 71 at 617-698 MHz, & FirstNet Band 14. The WiFi 6e element covers both 2.4-2.5 GHz and 4.9-7.2 GHz. The GNSS element operates on GPS, Galileo, Glonass, QZSS or Beidou. Specify LTM303 for a model configured with GPS only.

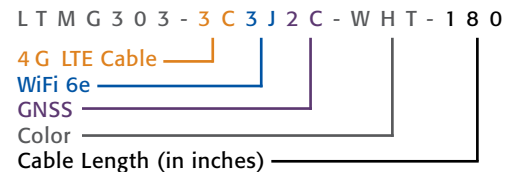
Standard cable length is 15 feet (4.5 m); other cable length options are available.

Visit our [eStore](#) to purchase an Antenna Online.



Electrical Specifications		
Frequency & Gain	4G LTE Cable 1	694 - 960 MHz, 3 dBi 1710 - 3700 MHz, 4 dBi
	WiFi Cable 2	2.4-2.5 & 4.9-7.2 GHz, 5 dBi
	GNSS Cable 3	1561, 1575, & 1602 MHz, LNA 26 dB, 5 dBi (RHCP)
VSWR	< 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 Base Material	Corrosion Resistant Aluminum
Radome Dimension	5.50" (139 mm) in Diameter & 2.38" (60 mm) in Height
Standard Connectors	SMA Plugs (Male)
Cables 1 & 2	Separate LL-195, 15 ft (4.5 m)
GNSS Cable 3	RG-174, 15 ft (4.5 m)
Operating Temperature	-40° to +80° C
Mounting	7/8" (22 mm) Dia. Feed Through 3/4" (19 mm) lg. 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



HIGHLIGHTS:

- Multiband: 1x 4G LTE, 1x WiFi 6e, & 1x GNSS
- LTE Covers 694 - 3700 MHz Including CBRS & Band 71,
- WiFi 6e and 7 ready
- High Performance; High Gain
- Made-in-the-USA & UK

RELATED MODELS:

- SMWG-311 (Same Freq, Smaller Profile)
- LTM303 (GPS Model)

COMMON APPLICATIONS:

- Vehicle Fleet Management
- Multiband Modems
- Public Transportation



US Headquarters +1.847.671.6690 • US/CA Toll Free +1.800.648.2800
European Facility +44.1543.459555 • www.MobileMark.com

Moving Wireless Forward®