

LTMG931

4G MULTIBAND SURFACE MOUNT ANTENNA

PRODUCT OVERVIEW

The LTMG931 is an 5-cable MIMO antenna with 3x 4G LTE, 1x WiFi and 1x GNSS. With up to 5 antenna elements in a sleek small form factor, it is one of the smallest antennas in the industry.

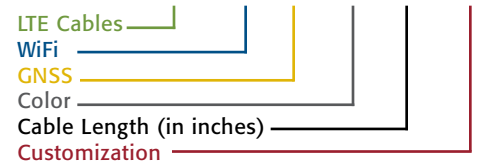
This antenna was designed to be compatible with the Android version of the Zebra L10. It has a special low voltage GNSS Module for the Pass Through requirement of the Android tablets.

Specify MLTMG931-3C3C3CW3CG2C-WHT-180-SP580 for the Mag-Mount Version.

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



LTMG931-3C3C3CW3CG2C-WHT-180-SP580



Electrical Specifications		
Frequency & Gain	4G LTE Cables 1 - 3	694 - 960 MHz, 2 dBi 1710 - 3700 MHz, 5 dBi
	WiFi Cable 4	2.4 - 2.5 & 4.9 - 6 GHz, 5 dBi
	GNSS Cable 5	1561, 1575, & 1602 MHz, LNA 16 dB, 1.5 dBi (RHCP)
VSWR	4G/LTE	< 2.5:1 VSWR Over Range (with 12" LMR-100)
	WiFi	< 2:1 VSWR Over Range (with 12" LMR-100)
Impedance	50 Ohm Nominal	
Power Rating	10 Watts	
GNSS	LNA Voltage	1.8 VDC +/- 0.2 V
	LNA Current	3.2 mA max

Mechanical Specifications	
Radome Material & Color	ASA UV-Inhibitive Plastic, Available in Black or White
Radome Dimension	5.50" (139 mm) in Diameter & 2.38" (60 mm) in Height
Standard Connectors	SMA Plugs (Male) for LTE & GNSS Rev Pol SMA for WiFi Connections
Cable 1-4 (Cellular + WiFi)	Separate LL-195, 15 ft (4.5m)
Cable 5 (GNSS)	RG-174, 15 ft (4.5 m)
Operating Temperature	-40° to +80° C
Surface Mounting	7/8" (22 mm) Dia. Feed Through 3/4" (19 mm) Ig. Thread for up to 1/2" (13 mm) Thick Surface
Mag-Mount Option	MLTMG931-3C3C3CW3CG2C-WHT-180-SP580 Additional 0.4" (10 mm) in Height
Shock & Vibration	IEEE-1478, EN 61373, MIL-810G, TIA 329.2-C
Water Ingress	IP67 (When Properly Mounted)
RoHS Compliant	Yes

HIGHLIGHTS:

- Multiband: 3x LTE, 1x WiFi, 1x GNSS
- Designed for Zebra L10 (Android version)
- Special Low Voltage GNSS Module
- Made-in-the-USA & UK

RELATED MODELS:

- MLTMG931 (Mag-Mount For L10 Android)
- LTM502 (For L10 Windows)
- MLTM502 (Mag-Mount For L10 Windows)

COMMON APPLICATIONS:

- Vehicle Fleet Management
- Public Transportation
- Fixed Site Private Networks
- Advanced Multiband Routers



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

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