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MobileMark
antenna solutions

Black Case

LTM508 Antenna
5 cables

LTM508 Multiband 5-cable Global 5G LTE, WiFi & GPS

- 5-cables: two for Global 5G LTE, two for WiFi, and one for GPS
- Covers all Cellular & 5G LTE Frequencies worldwide, from 617 MHz to 6000 MHz
- CBRS (Citizen Band Radio Service) at 3.55-3.7 GHz and Band 71 at 617-698 MHz

Mobile Mark's LTM508 Series Multiband Diversity/MIMO antenna contains five separate antennas, all in one compact antenna housing: two Global 5G LTE antennas, two WiFi antennas, and one GPS antenna. This provides MIMO (multiple-input-multiple-output) coverage for both Cellular and WiFi.

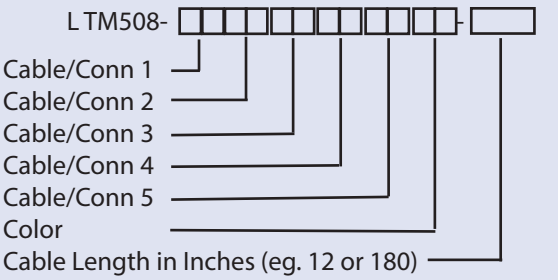
The Global LTE 5G-ready antenna element covers: 617-960 & 1710-6000 MHz. It covers all Cellular bands, worldwide. In the US, this includes the new CBRS (Citizen Band Radio Service) at 3.55-3.7 GHz and Band 71 at 617-698 MHz

Measuring 5.5" (140mm) in diameter with a low profile of 2.38" (60.4mm), LTM series antennas take up signifi cantly less space than multiple antennas. The radome is available in either black or white. The antennas can also be configured for combined GPS & Glonass use.

These antenna are also available with a GNSS module (GPS/Glonass), specify LTMG508 or MLTMG508.

This antenna is available as a mag-mount.

Model Configurator



Example: LTM508-3C3C3J3J2C-WHT-180

Specify MLTM508 for a mag-mount version.
These antenna are also available with a GNSS module (GPS/Glonass), specify LTMG508 or MLTMG508.

Cable Options:		Connector Options:		Color Options:	
Code	Cable	Code	Connector	Code	Color
2	RG-174	C	SMA	WHT	White
3	LL-195	J	RP SMA	BLK	Black

Specifications

Frequency & Gain (peak)*:	
Cable 1 & 2 (5G LTE)	617-960 MHz, 3 dBi 1710-6000 MHz, 4 dBi
Cable 3 & 4 (WiFi)	2.4-2.5 & 4.9-6.0 GHz, 5 dBi
Cable 5 (GPS)	1575 MHz, 26 dB, 5 dBi
GPS & GNSS Option	1575 MHz & 1612 MHz
VSWR*:	2:1 VSWR over Range
Impedance:	50 Ohm Nominal
Maximum Power:	10 Watts
Case size:	5.50" Dia. x 2.38" High (140mm x 60.4mm)
Radome Material:	ASA UV Inhibative Plastic
Operating Temperature:	-40° to +80° C
Connectors, standard:	SMA Plugs & RP SMA Plugs
Cable:	
Cable 1-4	Separate LL-195, 15 ft (4.5m)
Cable 5 (GPS)	RG-174, 15 ft (4.5 meters)
Mounting:	7/8" (22mm) Dia. Feed Thru 3/4"(19mm) long thread for up to 1/2" (12mm) thick surface
Shock & Vibration:	IEEE1478, EN61373, MIL-801G, TIA 329.2-C
Water Ingress:	IPX7,

*Measured on 1' ground with 1' cable

Specifications subject to change without notice (10/2018)