



LTMG511-3C3C3C2J2C-WHT-360-SP-568

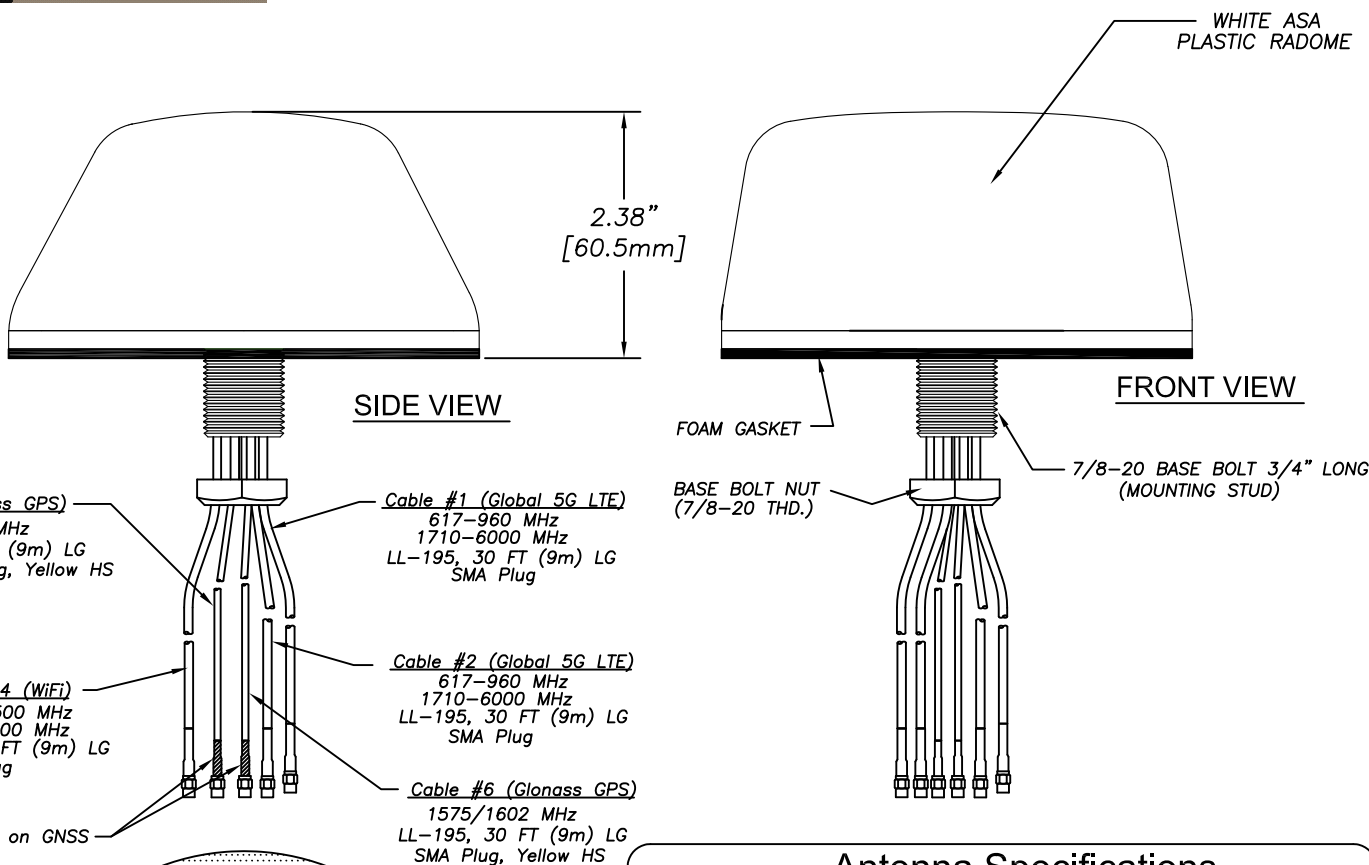
Multi-band Diversity/Mimo Antenna

2 X 617-960 MHz, 1710-6000 MHz (Global 5G LTE)

2.4-2.5GHz, 4.9-6 GHz (WiFi)

2 X Glonass GPS (1575/1602 MHz)

SP-568= Yellow Heatshrink on GNSS



Cable #5 (Glonass GPS)
1575/1602 MHz
RG-174, 30 FT. (9m) LG
Rev Pol SMA Plug, Yellow HS

Cable #1 (Global 5G LTE)
617-960 MHz
1710-6000 MHz
LL-195, 30 FT (9m) LG
SMA Plug

Cable #4 (WiFi)
2400-2500 MHz
4900-6000 MHz
LL-195, 30 FT (9m) LG
SMA Plug

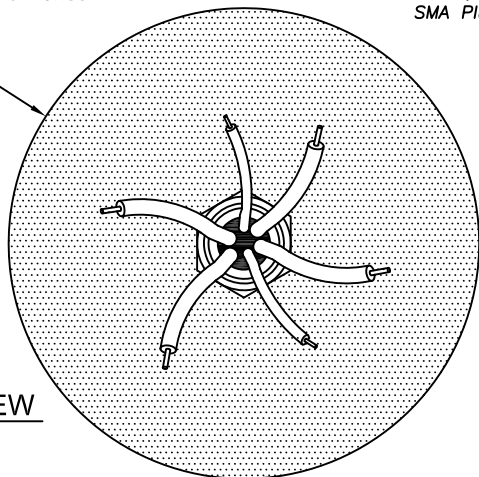
Cable #2 (Global 5G LTE)
617-960 MHz
1710-6000 MHz
LL-195, 30 FT (9m) LG
SMA Plug

Cable #6 (Glonass GPS)
1575/1602 MHz
LL-195, 30 FT (9m) LG
SMA Plug, Yellow HS

Yellow Heatshrink on GNSS

Ø5.50"
[139.7mm]

BOTTOM VIEW



Antenna Specifications

****Frequency/Gain:**
617-960 MHz, 3dBi Peak
1710-6000 MHz, 4dBi Peak
2.4-2.5 GHz/4.9-6 GHz, 5dBi Peak

Glonass GPS:
1575 MHz/1602 MHz
Voltage: DC 3/5 V
Current: 10mA (typ.), 20mA (max.)

****VSWR:** < 2:1 VSWR over range
(with 1 ft. RF-195 cable)

Maximum Power: 10 Watts
Connectors/Interface: SMA Plugs and Rev Pol SMA Plug

Case: 5.50" Dia. x 2.38" High

Radome Material: ASA UV Inhibitive Plastic (White)

Cable:
cable 1 — LL-195, 30 ft.(9m) (617-960 MHz/1710-6000 MHz)
cable 2 — LL-195, 30 ft.(9m) (617-960 MHz/1710-6000 MHz)
cable 3 — LL-195, 30 ft.(9m) (2.4-2.5 GHz/4.9-6 GHz)
cable 4 — RG-174, 30 ft.(9m) (Glonass GPS 1575/1602 MHz)
cable 5 — RG-174, 30 ft.(9m) (Glonass GPS 1575/1602 MHz)

Impedance: 50 OHM Nominal

Water Ingress: IP67 (when properly mounted)

Shock & Vibration: IEEE1478, EN61373, MIL-810G, TIA 329.2-C

Mounting: 7/8" (22.2mm) Dia. Feed through.
3/4" (19mm) lg. thread for up to
1/2" (12.7mm) thick surface

Operating Temperature: -40° to +80° C

**** Gain and VSWR measured with 1 ft cable on 12" Ground Plane 6/8/20**

MobileMark
antenna solutions

US OFFICE & HEADQUARTERS: 1140 W THORNDALE AVE, ITASCA, IL 60143
TEL: (847) 671-6690 * FAX (847) 250-5120

UK OFFICE: 8 MIRAS BUS PARK, KEYS PARK ROAD, HEDNESFORD WS12 2FS, UK.
UK TEL: (+44) 1543-459555 FAX (+44) 1543-459545

VISIT OUR WEBSITE AT WWW.MOBILEMARK.COM



From MobileMark:

We don't have a radiation pattern sheet for the LTMG511, but we do for the LTMG508 which is the same antenna minus a GPS.

Best Regards,

Nino Barker - Regional Account Manager
Mobile Mark, Inc.
1140 W. Thorndale Ave. Itasca, IL 60143
Website: www.mobilemark.com
Tel: 847-671-6690 Direct: 847-737-1175

LTM508 Series

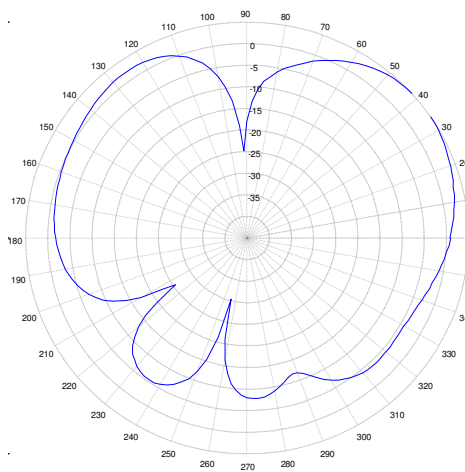
Dual 617-960 MHz, 1710-6000 MHz

Dual 2.4-2.5 GHz, 4.9-6.0 GHz

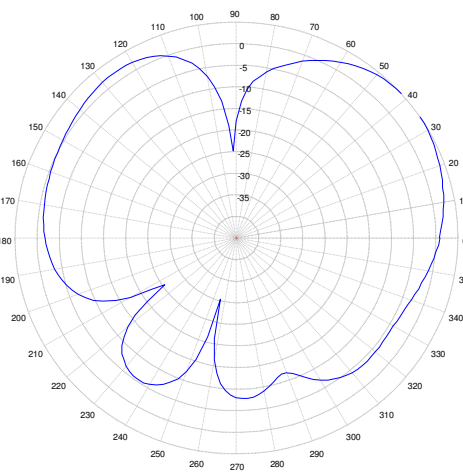
GPS 1575 MHz

Global 5G LTE
617-960MHz, 1710-6000MHz

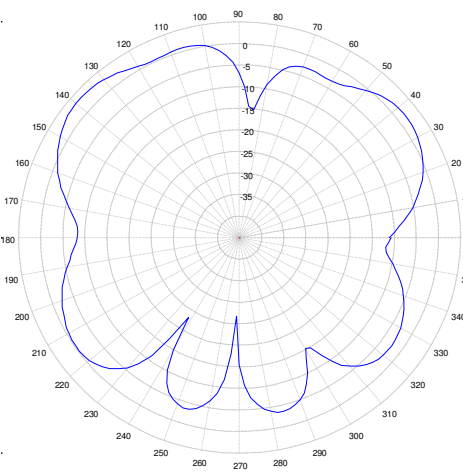
695 MHz



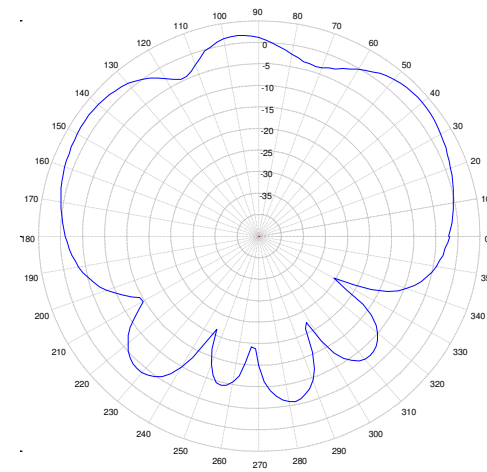
824 MHz



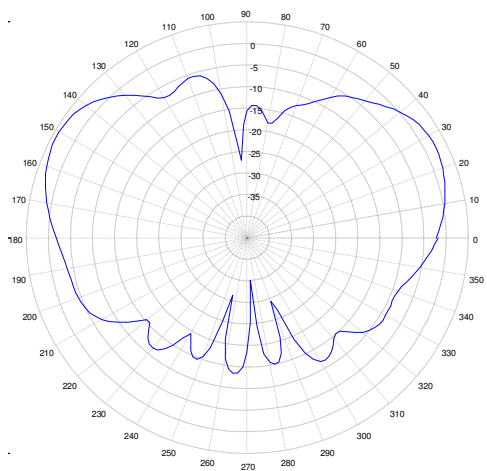
895 MHz



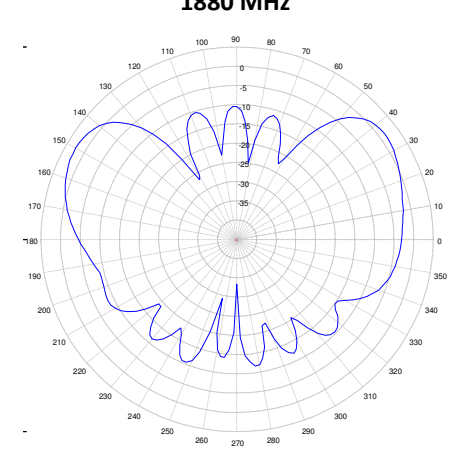
960 MHz



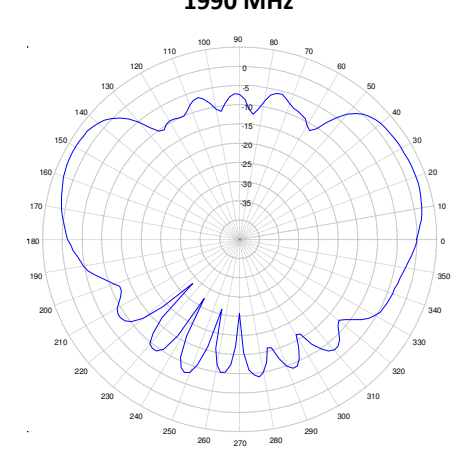
1710 MHz



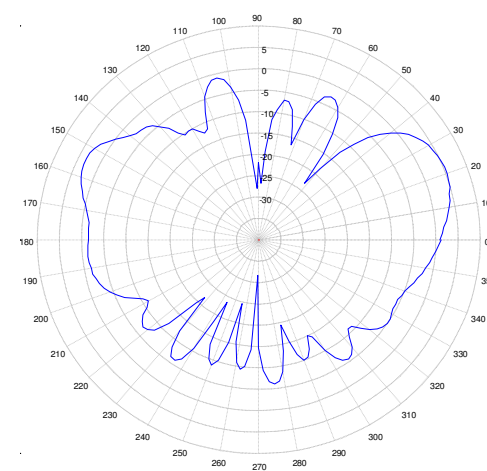
1880 MHz



1990 MHz



2170 MHz



LTM508 Series

Dual 617-960 MHz, 1710-6000 MHz

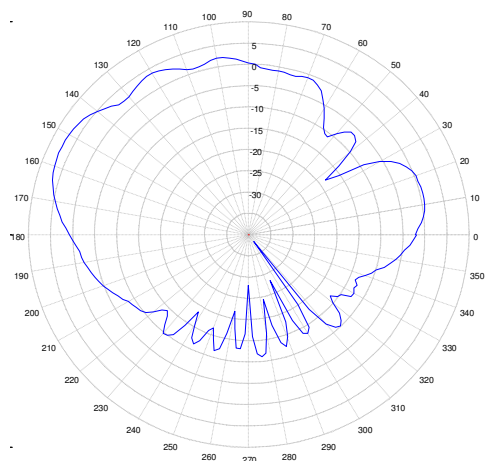
Dual 2.4-2.5 GHz, 4.9-6.0 GHz

GPS 1575 MHz

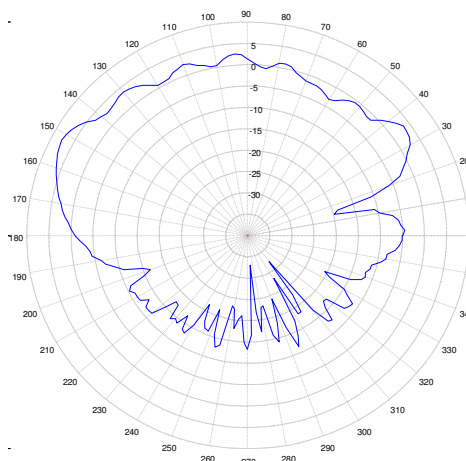
Global 5G LTE

617-960MHz, 1710-6000MHz

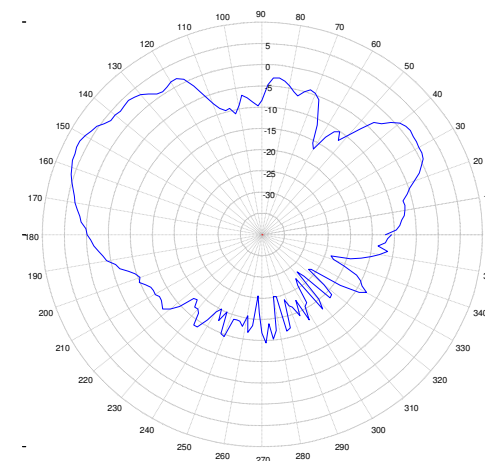
2700 MHz



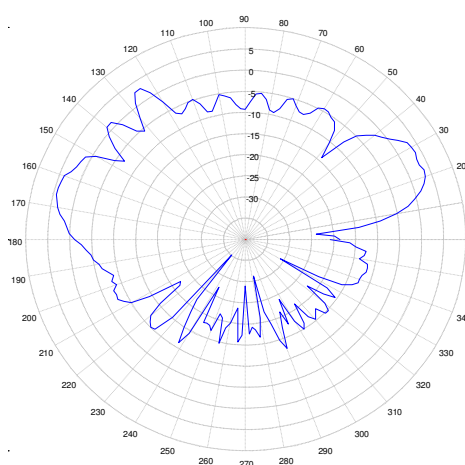
3700 MHz



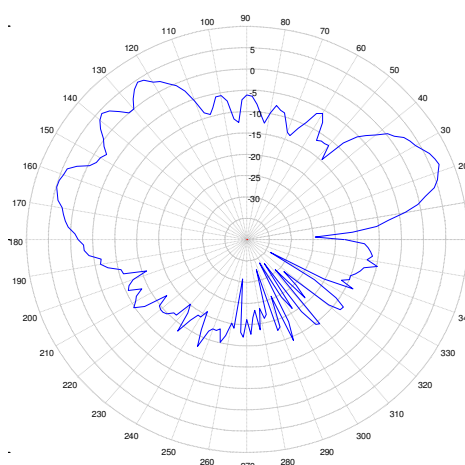
4200 MHz



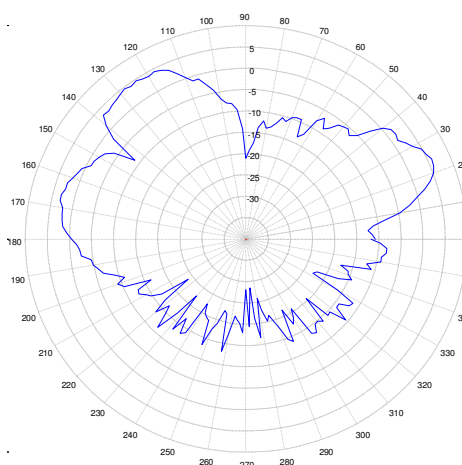
5150 MHz



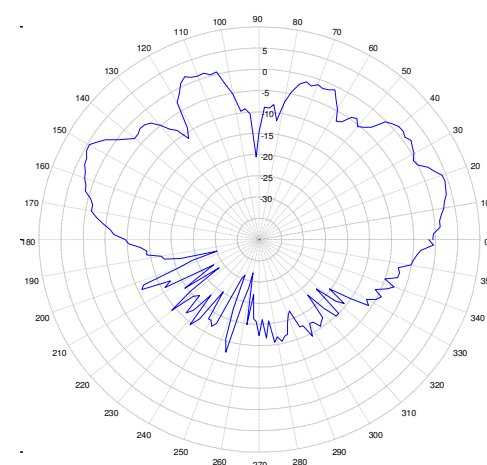
5350 MHz



5750 MHz



5925 MHz





LL-195 Cable

Custom cable assemblies

This Cable Assembly is Available for a 1 Week Turn-Around with Specific Connectors and Lengths.

Cable: LL-195

Outside diameter: 0.1" (2.5 mm)

Loss per foot (per 30 cm) at 900 MHz: 0.10 dB

Loss per foot (per 30 cm) at 2500 MHz: 0.17 dB

Customer specified cable length and connectors

Purchase

Loss per foot @ 2500 MHz: 0.17 dB.

30 Foot Cable Loss = $30 * 0.17 = 5.1$ dB.