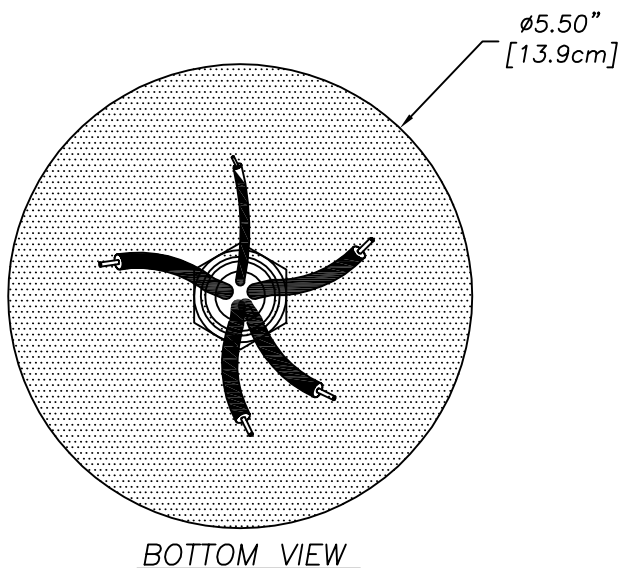
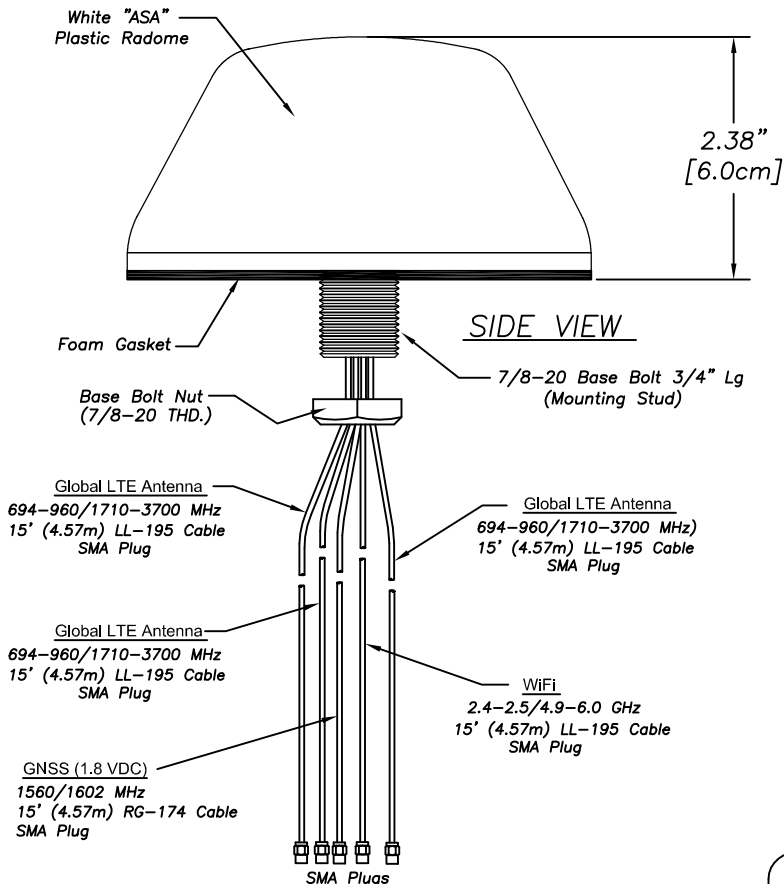


LTMWG9313C3C3CW3CG2CWHT180SP580

Multi-Band MIMO Antenna

3 X 617-960 MHz, 1710-7200 MHz (LTE/5G FR1)

2.4-2.5GHz, 4.9-7.2 GHz (WiFi / Bluetooth) with 1.8 VDC GNSS



Antenna Specifications

****Frequency/Gain:** — LTE 617-960 MHz, 2dBi Peak
 — LTE 1710-7200 MHz, 5dBi Peak
 — WiFi 2.4-2.5 GHz/4.9-7.2 GHz, 5dBi Peak

****VSWR:** — < 2.5:1 VSWR over range (with 12" LL-195)

Impedance: — 50 OHM Nominal

GNSS Frequency — 1560 - 1606 MHz

GNSS Gain — 16 dB LNA, 1.5 dBi Antenna

GNSS LNA Voltage — 1.8 VDC +/-0.2V

GNSS LNA Current — 3.2 mA (max.)

Maximum Power: — 10 Watts

Connectors/Interface: — SMA Plugs

Case: — 5.50" (13.9cm) Dia. x 2.38" (6.0cm) High

Radome Material: — ASA UV Inhibitive Plastic

Cable: — 5G — LL-195 15 ft. (4.57m) (617-960/1710-7200 MHz)
 — 5G — LL-195 15 ft. (4.57m) (617-960/1710-7200 MHz)
 — 5G — LL-195 15 ft. (4.57m) (617-960/1710-7200 MHz)
 — WiFi — LL-195 15 ft. (4.57m) (2.4-2.5/4.9-7.2 GHz)
 — GPS/GNSS — RG-174 15 ft. (4.57m) (1575/1602 MHz)

Dust & Water Ingress: — IP69K (when properly mounted)

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

Mounting: — 7/8" Dia. Feed through.
 — 3/4" lg. thread for up to
 — 1/2" thick surface

Operating Temperature: — -40° to +80° C

**** Gain and VSWR measured with 12" cable on 12" Ground Plane**

8/31/23 Rev A

MobileMark

antenna solutions

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