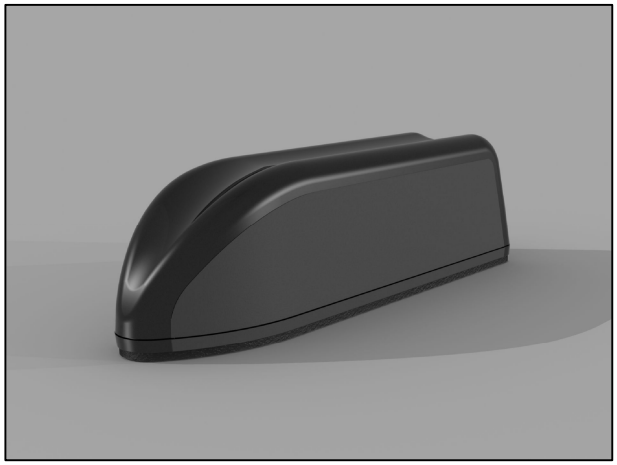
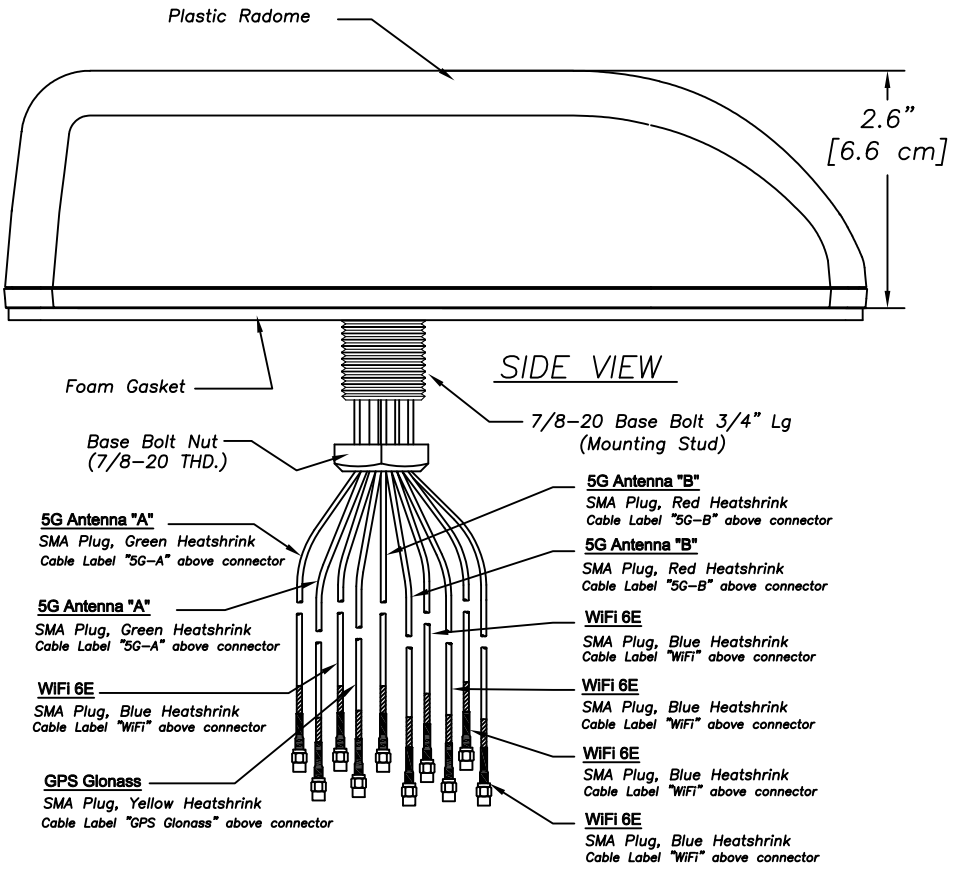
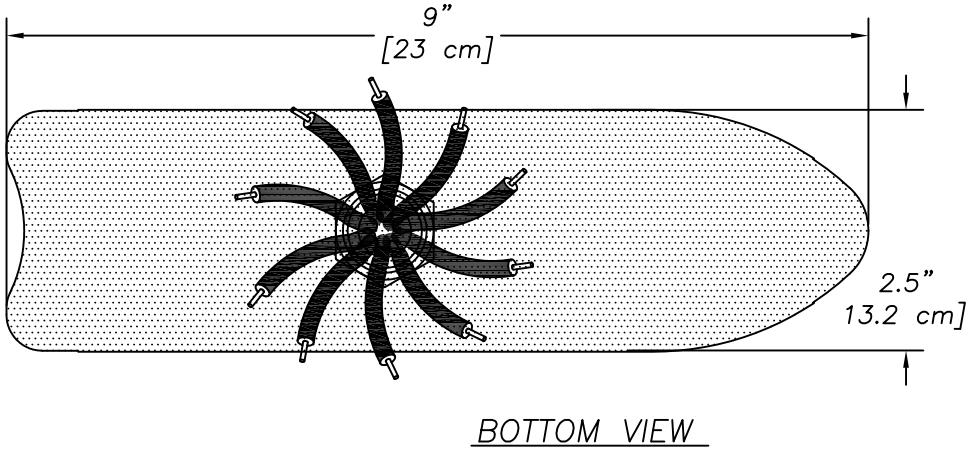


MXG945-CJC-B-180

Multi-Band 4x Mimo Antenna

4 X 617-960 MHz, 1400-7200 MHz (5G SUB-6)
5 X 2.4-2.5GHz, 4.9-7.2 GHz (WiFi 6E/ Bluetooth)
with GPS / GLONASS



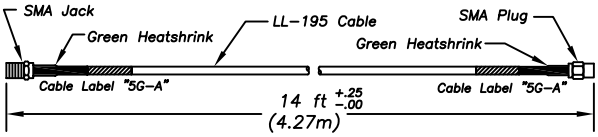


BOTTOM VIEW

Jumper Cable

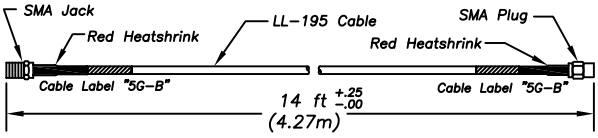
2 X CA168/195-VC-GRN-LTE-A

14 ft (4.27m) LL-195 Cable with SMA Jack and SMA Plug



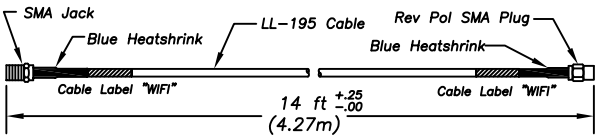
2 X CA168/195-VC-RED-LTE-B

14 ft (4.27m) LL-195 Cable with SMA Jack and SMA Plug



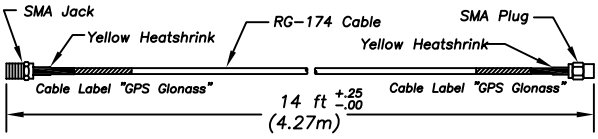
5 X CA168/195-VJ-BLU-WIFI

14 ft (4.27m) LL-195 Cable with SMA Jack and Rev Pol SMA Plug



1 X CA168/174-VC-YLW-GNSS

14 ft (4.27m) RG-174 Cable with SMA Jack and SMA Plug



Antenna Specifications

**Frequency/Gain:	5G 617–960 MHz, 3dBi Peak 5G 1400–7200 MHz, 5dBi Peak WiFi 2.4–2.5/4.9–7.2 GHz, 5dBi Peak
GPS/GLONASS Gain	26 dB, 5 dBi Antenna
Voltage	3/5 VDC
Current	10mA (typ.), 20mA (max.)
**VSWR:	5G — < 2.5:1 VSWR over range WiFi — < 2:1 VSWR over range
Maximum Power:	10 Watts
Dimension:	9" L x 2.5" W x 2.6" H
Radome Material:	ASA UV Rated Plastic
Cable:	5G Antenna "A" — LMR–100, 1 ft. (30.5cm) 5G Antenna "B" — LMR–100, 1 ft. (30.5cm) WiFi — LMR–100, 1 ft. (30.5cm) GNSS — RG–174, 1 ft. (30.5cm)
Connectors/Interface:	"See Jumper Cable Chart Above" 5G — SMA WiFi — Rev Pol SMA GNSS — SMA
Impedance:	50 OHM Nominal
Water Ingress:	IP67 (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 2' Ground Plane

JM 3/11/24

MobileMark
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