



5G NR Bands Covered:

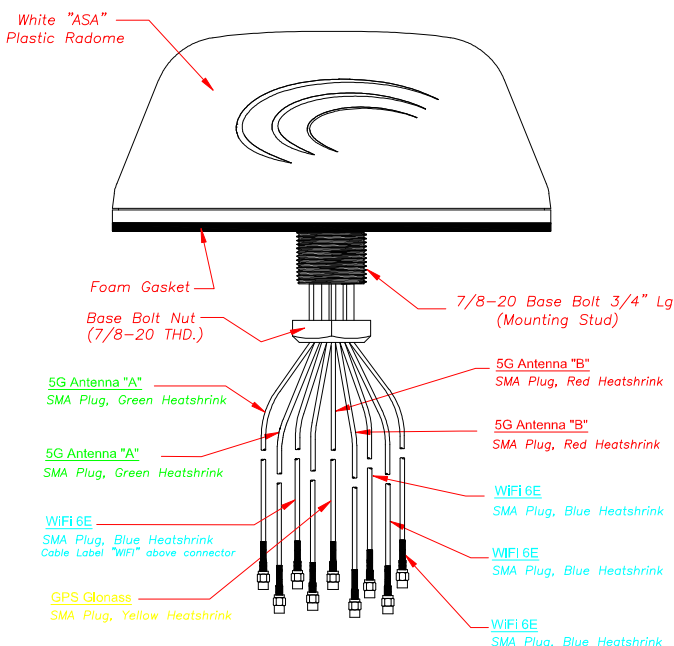
n1 n2 n3 4 n5 6 n7 n8 n12 n13 n14 n18 n20 n24 n25 n26 n28 n29 n30 n34
n38 n39 n40 n41 n46 n47 n48 n50 n51 n53 n65 n66 n67 n70 n71 n77 n78
n79 n80 n81 n82 n83 n84 n85 n86 n89 n90 n95 n96 n98 n99 n100 n101
n102 n104 n105 n106 n109

LTE Bands Covered:

1 2 3 4 5 6 7 8 9 10 12 13 14 17 18 19 20 22 23 24 25 26 27 28 29 30 33 34 35
36 37 38 39 40 41 42 43 44 46 47 48 49 51 51 52 53 65 66 67 68 69 70 71 77

Antenna supplied with the following Jumper Cables

- (2) CA168/195-VC-GRN-LTE-A 14Ft (4.27m) LL-195 CABLE WITH SMA JACK TO SMA PLUG
- (2) CA168/195-VC-RED-LTE-B 14Ft (4.27m) LL-195 CABLE WITH SMA JACK TO SMA PLUG
- (4) CA168/195-VJ-BLU-WIFI 14Ft (4.27m) LL-195 CABLE WITH SMA JACK TO REVERSE SMA PLUG
- (1) CA168/174-VC-YLW-GNSS 14 Ft (4.27m) RG-174 WITH SMA JACK TO SMA PLUG



LTM944-A3CB3CW3JG2C-BLK-180

Dual Carrier Multi-Band 9 Cables MIMO Antenna

4x 617-960 & 1425-7200 MHz (5G SUB-6)

4x 2.4-2.5 & 4.9-7.2 GHz Wi-Fi 6E with GNSS

(Ground Plane Independent)

SPECIFICATIONS

ELECTRICAL

Frequency/Gain: Cellular: 617-960 MHz / 2dBi Peak

1425-7200 MHz / 4dBi Peak

Wi-Fi 6E: 2.4-2.5 GHz & 4.9-7.2 GHz / 4 dBi Peak

Impedance: 50 Ohms Nominal

VSWR.: Cellular: 2.5:1 Maximum

WiFi: 2.0:1 Maximum

Power: 10 Watts Maximum

GNSS

GPS L1, Galileo E1, GLONASS L1, Beidou B1, and QZSS L1C

Frequency: 1561 MHz, 1575 MHz, 1602 MHz

Gain LNA 26 dB $\pm$ 3dB / Antenna Element 4 dBiC

Noise Figure: 1.7 Typical, 2.0 dB maximum

Bias: +2.7 to +5 VDC / 10mA typical, 20 mA maximum.

MECHANICAL

Dimensions: 13.9cm [5.50"] Dia. x 8.2cm [3.2"] High

Radome Material: UV Stable ASA

Cables: Cellular: RG-316, 30.5cm (12in)

WiFi: RG-316, 30.5cm (12in)

GNSS: RG-174, 30.5cm (12in)

Connectors: SMA Plugs (M)

Weight: 1.93Kg (4.25lb)

Mounting: 2cm [0.8"] Dia. Feed through.

3.1cm [1.2"] lg. thread for up 1/2" thick surface
(Ground Plane Independent)

ENVIROMENTAL

Operating Temp.: -40° to +80° C

Water Ingress: IP69K

Shock and Vibration: (TBD)

Note: Antenna Characteristics measure with 12in cable with a 24in ground plane.

