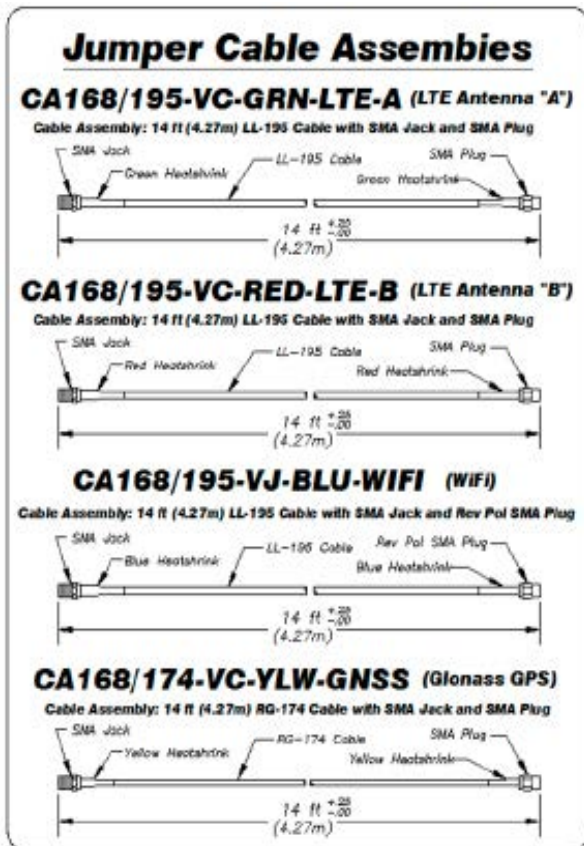




LTM944 Dual Carrier Multi-band 9-cable LTE, WiFi & GNSS

- 9-cables: 4xLTE, 4xWiFi, 1xGNSS
- 1 ft cable pigtails exit antenna; 14 ft cable jumpers provided
- Color coded cable tape for easy match-up



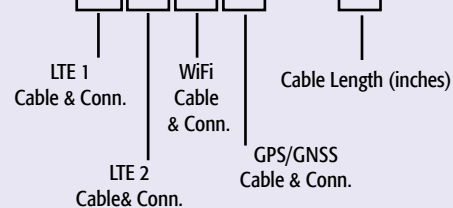
Mobile Mark's LTM944 Series Multiband Diversity/MIMO antenna contains nine separate antennas all in one compact antenna housing: four broadband LTE/Cellular antennas, four dual-band WiFi antennas, and one GPS antenna.

The Cellular/LTE elements are designed to accommodate 2xMIMO on two different Cellular Carriers or 4xMIMO for 5G. The LTM944 covers Cellular LTE frequencies from 694-3700 MHz. Additional WiFi options are available.

The antenna measures 5.5" (140mm) in diameter with a low profile of 2.38" (60.4mm). The radome is available in either black or white. This antenna is not available as a mag-mount.

Model

LTMG944-A3CB3CW3JG2C-WHT-180
 LTMG944-A3CB3CW3JG2C-BLK-180



Specify "LTM" instead of "LTMG" for standard GPS combination antenna.

Specifications

**Frequency & Gain (peak):

Cable 1, 2, 3 & 4 (Global LTE)

694-960 MHz, 2 dBi
 1710-3700 MHz, 5 dBi

Cable 5, 6, 7 & 8 (WiFi)

2.4-2.5 & 5-6 GHz, 5 dBi

Cable 9 (GPS)

1575 MHz, 26 dBi, 5 dBi

GPS & Glonass option

1575 MHz & 1602 MHz

**VSWR:

LTE

2:5:1 VSWR over Range

WiFi

2:1 VSWR over Range

Impedance:

50 Ohm Nominal

Maximum Power:

10 Watts

GPS

Amplifier Bias:

3.3/5 VDC

Noise Figure:

2.0 dB max, 1.7 dB typical

Current:

20 mA max, 10 mA typical

Case Size:

5.50" Dia. x 2.38" High
 (140mm x 60.4mm)

Radome Material:

ASA UV-Stable Plastic

Operating Temperature:

-40° to +80° C

Cable Pigtails:

Cable 1-8:

LL-100, 1ft, SMA plug

Cable 9:

RG-174, 1ft, SMA plug

Cable Jumpers:

Cable 1-4:

LL-195, 14 ft, SMA plug at end

Cables 5-8:

LL-195, 14 ft, Rev Pol SMA plug at end

Cable 9:

RG-174, 14 ft, SMA plug at end

Mounting:

Stud mount (5/8-24 Thread)
 Mounts to surfaces .20" (5mm) thick

Shock & Vibration:

EN61373, IEC61478

Water Ingress:

IP67

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

*** To achieve optimal performance it is not recommended that LTE Antenna A and B operate on the same band simultaneously