

LTMG942

MULTIBAND SURFACE MOUNT ANTENNA

PRODUCT OVERVIEW

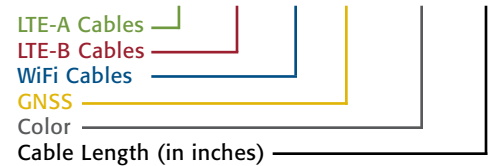
The LTMG942 is a 7-cable antenna with 4x LTE, 2x WiFi6e and 1x GNSS. With 7-elements, the LTMG942 antenna provides a good match for the dual carrier modems that contain two pairs of LTE MIMO elements, one pair for each carrier. These fleet management systems offer Cellular carrier back-up. The 2x WiFi elements provide faster through-put for the wifi coverage up to 7.2 GHz WiFi processors. Specify LTM942 for a model configured with GPS only. Visit our [eStore](#) to purchase an Antenna Online.

| Electrical Specifications | | |
|---------------------------|---------------------------|--|
| Frequency & Gain | LTE Cables 1 - 4 | 694 - 960 MHz, 2 dBi 1710 - 3700 MHz, 5 dBi |
| | WiFi 6E Cables 5 & 6 | 2.4 - 2.5 & 4.9 - 7.2 GHz, 5 dBi |
| | GNSS Cable 7 | 1561, 1575, & 1602 MHz, LNA 26 dB, 5 dBi (RHCP) |
| VSWR | LTE | < 2.5:1 VSWR Over Range (with 12" LMR-100) |
| | WiFi | < 2:1 VSWR Over Range (with 12" LMR-100) |
| Impedance | 50 Ohm Nominal | |
| Power Rating | 10 Watts | |
| GNSS | Amplifier Bias Voltage | 2.7 to 5 VDC |
| | Gain | 26 dB +/- 3 dB |
| | Current | 20 mA max, 10 mA typical |

| Mechanical Specifications | | |
|--|---|---|
| Radome Material & Color | ASA UV-Inhibitive Plastic, Available in Black or White | |
| Radome Base Material | Corrosion Resistant Aluminum | |
| Radome Dimension | 5.50" (139 mm) in Diameter & 2.38" (60 mm) in Height | |
| 1ft (304.8 mm) Pigtail Cables & Connectors Exiting Antenna | LTE | LMR-100 with SMA Plugs LTE-A (Green) & LTE-B (Red) |
| | WiFi | LMR-100 with SMA Plugs (Blue) |
| | GNSS | RG-174 with SMA Plug (Yellow) |
| Including 14ft (4.26 m) Jumper Cables & Connectors | LTE | LL-195 with SMA Jack & SMA Plugs LTE-A (Green) & LTE-B (Red) |
| | WiFi | LL-195 with SMA Jack & Rev Pol SMA Plugs (Blue) |
| | GNSS | RG-174 with SMA Jack & SMA Plug (Yellow) |
| Operating Temperature | -40° to +80° C | |
| Mounting | 7/8" (22 mm) Dia. Feed Through 3/4" (19 mm) lg. Thread for up to 1/2" (13 mm) Thick Surface | |
| Shock & Vibration | IEEE-1478, EN 61373, MIL-810G, TIA 329.2-C | |
| Dust & Water Ingress | IP69K (Stud Mount, When Properly Mounted) | |
| | IP67 (Mag-Mount, When Properly Mounted) | |
| RoHS Compliant | Yes | |



LTMG942-A3CB3CW3JG2C-WHT-180



HIGHLIGHTS:

- Multiband: 4x LTE, 2x WiFi 6E, 1x GNSS
- WiFi 6E Up to 7.125 GHz, WiFi 7 ready
- Dual-Carrier MIMO, Covers 617 - 3700 MHz
- 1 ft Cable Pigtailed Exit Antenna; 14 ft Cable Jumpers Provided
- Color Coded Cable Type for EASY Match-Up
- Made-in-the-USA & UK

RELATED MODELS:

- LTMWG942 (Wider 5G Freq)
- LTMG944 (4x WiFi)
- LTMG943 (3x WiFi)
- LTMG941 (1x WiFi)
- LTMG940 (NO WiFi)
- LTM942 (GPS Model)

COMMON APPLICATIONS:

- Vehicle Fleet Management
- WiFi Data Transfer
- Multiband Modems
- Public Transportation



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