

LTMWG942

5G MULTIBAND SURFACE MOUNT ANTENNA

PRODUCT OVERVIEW

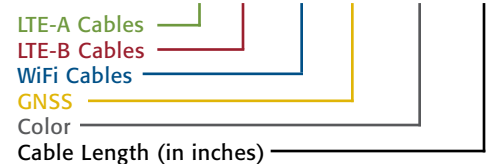
The LTMWG942 is an 7-cable antenna with 4x 5G/LTE, 2x WiFi 6E or Bluetooth and 1x GNSS. With up to 7 antenna elements in a sleek small form factor, it is one of the smallest in the industry. The four Cellular elements can be used for Single-Carrier 4x MIMO 5G or Dual-Carrier 2x MIMO 5G. All of our 5G antennas are backwards compatible for 4G LTE. The 2x WiFi 6E elements provide faster through-put for advanced WiFi at 802.11ax applications. Visit our [eStore](#) to purchase an Antenna Online.

| Electrical Specifications | | |
|---------------------------|---------------------------|--|
| Frequency & Gain | 5G/LTE Cables 1 - 4 | 617 - 960 MHz, 2 dBi 1710 - 7200 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 | 5G/LTE | < 2.5:1 VSWR Over Range (with 12" LMR-100) |
| | WiFi 6E | < 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 | 5G/LTE | LMR-100 with SMA Plugs LTE-A (Green) & LTE-B (Red) |
| | WiFi 6E | LMR-100 with SMA Plugs (Blue) |
| | GNSS | RG-174 with SMA Plug (Yellow) |
| Including 14ft (4.26 m) Jumper Cables & Connectors | 5G/LTE | LL-195 with SMA Jack & SMA Plugs LTE-A (Green) & LTE-B (Red) |
| | WiFi 6E | 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) Long 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 | |



LTMWG942-A3CB3CW3JG2C-WHT-180



HIGHLIGHTS:

- Multiband: 4x 5G/LTE, 2x WiFi 6E, 1x GNSS
- WiFi 6E Up to 7.125 GHz, WiFi 7 ready
- Dual-Carrier 2x MIMO 5G or Single-Carrier 4x MIMO 5G
- 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:

- LTMWG944 (4x WiFi)
- LTMWG943 (3x WiFi)
- LTMWG941 (1x WiFi)
- LTMWG940 (NO WiFi)
- LTMW942 (GPS Model)

COMMON APPLICATIONS:

- Vehicle Fleet Management
- Public Transportation
- Fixed Site Private Networks
- WiFi Data Transfer
- Advanced Multiband Routers



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