



This two-cable antenna combines two applications at a time: GPS on one cable and any one of several wireless data applications on the other cable.

The LMW Series stands out from the other Mobile Mark Surface Mount Antenna Series in that it is extremely broadbanded and covers LTE cellular bands from 695-960 MHz and 1710-2700 MHz. It has excellent performance characteristics and performs well across the entire band.

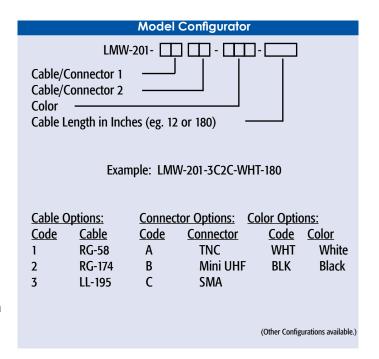
This new wideband Surface Mount Antenna offers greater flexibility for stocking and installation because it can function over multiple systems.

For GPS, the performance is 26 dB amplifier gain with 5 dBi RHCP nominal antenna gain. The antennas have low noise figure with excellent filter characteristics.

This rugged antenna can be mounted with complete confidence in a wide range of settings. It can be mounted to any vehicle, container or bulkhead with a threaded stud mount. For optimal performance, a groundplane is recommended.

Low Profile LTE, with GPS 695-960/1710-2700 MHz

- Multiband antenna for Cellular LTE and GPS
- Can be used for Mobile LTE applications
- For optimal performance, a ground plane is recommended



| specifications 5 | | | |
|----------------------|-----------------------------|--------------------|----------------------------------|
| Frequency: | | Standard Cables: | |
| Cable 1, LTE | 695-960/1710-2700 MHz | Cable 1 | LL-195 15 ft (4.5 m) |
| Cable 2, GPS | 1575.42 +/- 2 MHz | Cable 2 (GPS) | RG-174, 15 ft (4.5 m) |
| Data Side: | | Optional Cables: | |
| Gain (695-960 MHz) | Unity | Cable 1 | RG-58, 15 ft (4.5 m) |
| Gain (1710-2700 MHz) | 3 dBi | | |
| VSWR: | <2.5:1 max over range | Connectors: | SMA Plug (Male) standard |
| Nominal Impedance: | 50 Ohm | Case: | 3.5"D x 1.5"H (8.9 cm x 3.8 cm) |
| Power: | 10 Watts | Case Material: | UV resistant ASA |
| Operating Temp: | -40° to +80° C | Mounting: | 5/8" dia.x 3/4" long |
| | | | (1.6 cm x 1.9 cm) |
| GPS Side: | | | Up to 1/2" (1.27 cm) thick metal |
| Amplifier gain | 26 dB. LNA | Hardware: | Nut and gasket included |
| Antenna gain | 5 dBi nominal RHCP, Antenna | | |
| Noise Figure | 2.0 dB max, 1.7 dB typical | Water Ingress: | IP67 |
| Amplifier Bias | 2.7 to 5 VDC | | |
| Amplifier Current | 20 mA max, 10 mA typical | Shock & Vibration: | EN 61373, IEEE 1478, MIL-810G |
| runpiner current | 20 Hat Haz, 10 Hat typical | | |
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