

# LMW302

## PRODUCT OVERVIEW

The LMW302 is a low-profile mobile antenna with 2x Global 4G LTE MIMO and 1x GPS. This antenna is FirstNet Ready and Ground plane independent. It can be mounted to any vehicle, container, or bulkhead with a threaded stud mount. With three elements, this 3-cable antenna is an ideal multiband solution for CBRS and applications between 695 to 3700 MHz, in addition to FirstNet Band 14.

Visit our eStore to customize an Antenna Online.

Electrical Specifications		
Frequency & Gain	695 - 960 MHz, with Unity Gain	
	1710 - 3700 MHz, with 3 dBi Gain	
GPS	1575.42 +/- 2 MHz	
VSWR	< 2.5 : 1	
Power Rating	10 Watts	
Impedance	50 Ohm Nominal	
Polarization	Vertical	
GPS	Amplifier Gain	26 dB, 5 dBi Antenna
	Amplifier Bias Voltage	3.3/5 VDC
	Current	20 mA max, 10 mA typical

Mechanical Specifications	
Material/Finish	Black or White ASA Plastic
Dimension	Base Dia. 3.5" (89mm), Height 1.5" (38mm)
Weight	1 lbs (.45 kg) with Cables, or .25 lbs (.11 kg) antenna only.
Connector	3x SMA Plugs ( Male )
15ft (4.5m) Cables	2x LL-195 for 4G LTE & 1x RG-174 for GPS
Hardware & Mounting	Nut & Gasket Included, Up to 1/2" (12.7mm) Thick Surface Mounting Stud Length is 3/4" lg. (19mm) Ground Plane Independent
Water Ingress	IPx7
Operating & Storage Temperature	-40°C to +80°C



### LOW PROFILE MOBILE ANTENNA

LMW - 3 C 3 C 2 C - B L K - 1 8 0  
 Model | Cellular 4G LTE | GNSS | Radome Color | Cable Length in Inches

### HIGHLIGHTS:

- 4G LTE & FirstNet
- Ground Plane Independent
- Compact, Only 1 1/2" Tall
- Made-in-the-USA & UK

### RELATED MODELS:

- LTMG302 ( LTM Series, Same Freq. )
- LLPG302 ( LLP Series, Same Freq. )
- MXFG302 ( MaxFin Series, Same Freq. )

### COMMON APPLICATIONS:

- Fleet Management
- Public Safety
- Monitoring with GPS Timing
- Smart Cities IoT



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