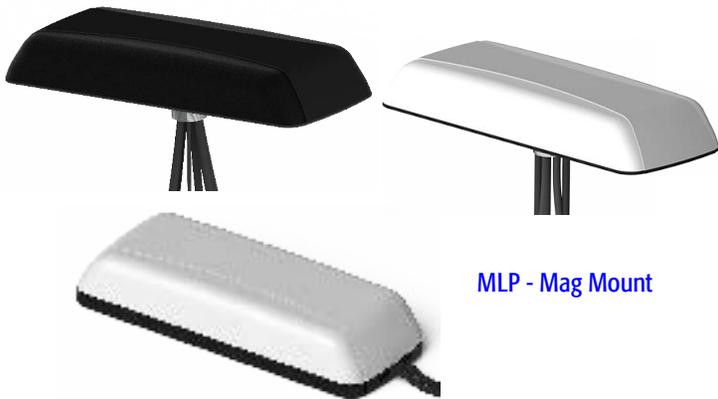


LLP Series



MLP - Mag Mount

## LLP302 Global Cellular/LTE MIMO & GPS

- 3-cables: two for Global Cellular/LTE and one for GPS
- Covers LTE frequencies worldwide, from 694 MHz to 3700 MHz
- Available with GPS or with combination GPS/Glonass

Mobile Mark's new LLP302 Series Multiband Diversity/MIMO antenna contains three separate antennas, all in one compact antenna housing: two identical LTE/Cellular antennas and one GPS antenna. The LTE/Cellular element is broadband enough to cover all LTE frequencies worldwide through 3700 MHz.

LTE MIMO (multiple-input-multiple-output) modems offer greater speed and capacity than earlier generations of modems. In order to ensure optimum performance the LTE MIMO system needs multiple antennas on both the transmission and receive ends.

This 3-element LLP antenna is designed for fleet management systems that combine a GPS receiver with a 2-element LTE MIMO modem.

Measuring 9" (22.8cm) x 3.5" (8.9cm) with a low profile of 1.25" (3.18cm), the LLP302 series antennas take up significantly less space than multiple antennas. The radome is available in black and white. The antennas can also be configured for combined GPS & Glonass use.

This antenna is available as a mag mount.

**Model Configurator**

Example: LLP302-3C3C2C-WHT-180  
 MLP302-3C3C2C-WHT-180 (mag mount)

Specify "LLPG" instead of "LLP" for GPS/Glonass combination antenna.

<u>Cable Options:</u>		<u>Connector Options:</u>		<u>Color Options:</u>	
<u>Code</u>	<u>Cable</u>	<u>Code</u>	<u>Connector</u>	<u>Code</u>	<u>Color</u>
2	RG-174	C	SMA	WHT	White
3	LL-195	J	RP SMA	BLK	Black
		A	TNC		

(Other Configurations available.)

Specifications			
Frequency & Gain (peak): Cable 1 & 2 (Global LTE)  Cable 3 (GPS) GPS & Glonass option VSWR: Impedance: Maximum Power: GPS Noise Figure: Amplifier Bias: Current:  Case: Surface Mount	694-960 MHz, 0-3 dBi & 1710-3700 MHz, 4 dBi  1575 MHz, 26 dB, 5 dBi 1575 MHz & 1602 MHz 2:1 VSWR over Range 50 Ohm Nominal 10 Watts  2.0 dB max, 1.7 dB typical 2.7 to 5 VDC 20 mA max, 10 mA typical  9" x 3.5" x 1.25" (22.8cm x 8.9cm x 3.18cm)	Magnet Mount  Radome Material: Operating Temperature: Connectors: Cable: Cable 1-2  Cable 3 (GPS) Mounting:  MLP Mount: Shock & Vibration:  Water Ingress: *Measured on 1' (30cm) ground with 1' (30cm) cable	9" x 3.5" x 1.65" (22.8cm x 8.9cm x 4.6cm) ASA UV-Stable Plastic -40° to +80° C SMA Plugs (male) standard  Separate LL-195, 15 ft (4.5 meters)  RG-174, 15 ft (4.5 meters) Thru hole, ground plane dependent, Optional Mirror mount Mag Mount IEEE1478, EN 61373, MIL-810G TIA329.2-C IP67