



LLP Series

LLP202 Broadband Cellular Surface Mount Global LTE MIMO

- 2-cables: two for Global Cellular/LTE
- Covers LTE frequencies worldwide, from 694 MHz to 3700 MHz
- Ideal for cellular M2M applications

Mobile Mark's new LLP202 is a two cable variant of our new lower profile surface mount antenna design. This antenna has two identical cables for Global LTE capability on the 694-960 MHz and 1710-3700 MHz bands.

Gain for the LLP202 ranges from 0 to 4 dBi depending on the frequency being used. The lower profile design makes it perfect for any surface mounted wireless application that requires high performance in a low profile package.

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.

Measuring 9" (22.8cm) x 3.5" (8.9cm) with a height of 1.25" (3.18cm), the LLP202 series antennas take up significantly less space than multiple antennas. The radome is available in black and white.

This antenna is not available as a mag mount.

Model Configurator

Example: LLP202-3C3C-BLK-12

Cable Options:		Connector Options:		Color Options:	
Code	Cable	Code	Connector	Code	Color
2	LL-195	C	SMA	WHT	White
				BLK	Black

(Other Configurations available.)

Specifications

Frequency & Gain (peak): Cable 1 & 2 (Global LTE)	694-960 MHz, 0-3 dBi 1710-3700 MHz, 4 dBi
VSWR:	2:1 VSWR over Range
Impedance:	50 Ohm Nominal
Maximum Power:	10 Watts
Case: Surface Mount	9"x 3.5" x 1.25" (22.8cm x 8.9cm x 3.18cm)
Radome Material:	ASA UV-Stable Plastic

Operating Temperature:	-40° to +80° C
Connectors:	SMA Plugs (Male) standard
Cable: Cable 1-2	Separate LL-195, 12" (30cm)
Mounting:	Through hole, ground plane dependent
Shock & Vibration:	IEEE1478, EN 61373, MIL-810G TIA329.2-C
Water Ingress:	IP67

*Measured on 1' (30cm) ground with 1' cable (30cm)