



CLTM301 Antenna

Mobile Mark's CLTM301 Series Ceiling Mount antenna contains either a single element or two separate antenna elements in one compact antenna housing. The antenna covers Cellular/LTE applications from LTE at 700 Mhz to AWS/UMTS at 2.1 GHz.

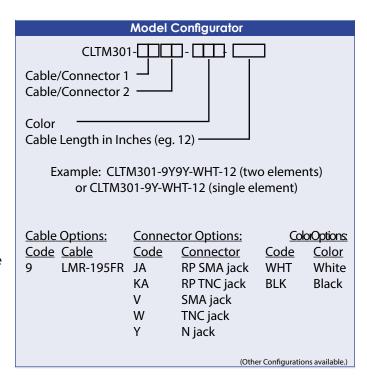
LTE MIMO (multiple-input-multiple-output) modems offer greater speed and capacity than earlier generations of modems. They achieve this by sending RF signals on multiple antenna elements. LTE MIMO system use multiple antennas on both the transmission and receive ends. Non-MIMO systems would use a single antenna element.

This CLTM301 antennas are designed for DAS & In-Building systems that use either a single Cellular/LTE antenna element or 2-elements for Cellular/LTE MIMO. For systems that add in a WiFi modem, the CLTM501 (for WiFi MIMO modems) and the CLTM401 (for non-MIMO WiFi modems) are recommended.

Measuring 5.5" (140mm) in diameter with a low profile of 2.38" (60.4mm), CLTM series antennas take up significantly less space than multiple antennas. The antenna is secured to the ceiling with a mounting clamp that fastened the antenna to the metal grid holding the ceiling tiles.

CLTM301 Ceiling Mount Cellular & LTE MIMO

- 1-cable or 2-cables multi-band antenna for Cellular/LTE, including MIMO
- Antenna clamps to metal ceiling tile grid for easy installation
- Low Loss Fire Retardant LMR-195FR cable



Specifications			
Frequency & Gain (peak)*:	694-960 MHz, 3 dBi	Operating Temperature:	-40° to +80° C
	1710-2170 MHz, 4 dBi	Connectors:	N jack (female) standard
VSWR*: Impedance:	2:1 VSWR over range 50 Ohm Nominal	Cable:	Single cable or two cables, one cable per antenna element;
Maximum Power:	10 Watts	Mounting hardware:	LMR-195FR, 1 ft (30cm) Clamp to mount antenna to
Case:	5.50" Dia. x 2.38" High		ceiling tile grid included
	(140mm x 60.4mm)	Shock & Vibration:	IEEE1478, EN61373, MIL-810G,
Radome Material:	ASA UV-Stable Plastic		TIA 329.2-C
			*Measured on 1' ground with 1' cable