



CLTM101 Ceiling Mount UHF, 420-470 MHz

- 1-cable antenna for UHF
- Antenna clamps to metal ceiling tile grid for easy installation
- Low Loss RF-195 cable

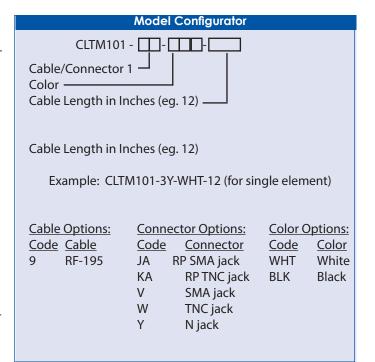
Mobile Mark's CLTM101 Series Ceiling Mount antenna contains a single antenna element in one compact antenna housing. The antenna covers UHF applications from 420-470 MHz.

CLTM101 Antenna

The CLTM101 antenna is designed for UHF In-Building systems using a single element. For systems that add in a WiFi modem, the CLTM502 (for WiFi MIMO modems) and the CLTM402 (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 fastens the antenna to the metal grid holding the ceiling tiles.

The CLTM101 has an attached 7/8" (22.2 mm) diameter base bolt with 3/4" (19 mm) lg thread for mounting up to 1/4" (6.4 mm) thick surfaces. The ASA radome is UV-stable, providing extra protection against harmful UV rays. The radome also gives ample protection against accidental or intentional damage caused by impact.



Specifications			
Frequency:	420-470 MHz	Operating Temperature:	-40° to +80° C
Gain*:	Unity	Connector:	N jack (female) standard
VSWR*:	<2.5:1 VSWR over range		RF-195, 1ft (30.5 cm)
Impedance:	50 Ohm Nominal	Mounting hardware:	Clamp to mount antenna to ceiling tile grid included
Maximum Power:	60 Watts	Shock & Vibration:	IEEE1478, EN61373, MIL-
Case:	5.50" Dia. x 2.38" High (140 mm x 60.4 mm)	*Gain and VSWR measured w	810G, TIÁ 329.2-C
Radome Material:	ASA UV-Stable Plastic	1 ft RF-195 cable on 1 ft ground plane	iui