

CT837a Large LANforge Chamber

The CT837a RF Chamber is used to isolate WiFi and other RF equipment from the outside environment. This allows more repeatable testing options. In addition, when combined with RF attenuators and WiFi traffic generators, chambers can be used to create emulated mesh and mobility scenarios. The more affordable chambers may not give 100% isolation from the outside environment, but when the AP is in one chamber, and the Station is in another, then they are fully isolated from each other.



NOTE: This product may have a different hardware configuration than the system pictured above.
Refer to your official quote for details.

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Hardware Specification

1. Large Sized RF Shield Chamber with internal shelves.
2. Isolation: $\geq 80\text{dB}$ @2.4GHz/5.8GHz, 60dB @40GHz.
3. Frequency(GHz): 0.8 to 8GHz
4. Standard Interfaces: 30x SMA's, 2x USB 3.0, 3x 10G Ethernet, RF Pipe for coax/fiber pass-through, fan, DC power, universal A/C power strip. Other options available.
5. RF Absorber material: -10dB to -20dB [RF Absorber spec sheet](#).
6. Inside Dimension(mm): 1090(W) 785(D) 800(H), Shelves: 900(W) 675(D)
7. Outside Dimension(mm): 1200(W) 1064(D) 1033(H)
8. Weight: 200kg
9. Working Temperature: Normal room temperature

10. Chamber can be modified to remove shelves, add antenna mounts, and more.

Additional Feature Upgrades

Unless otherwise noted in the product description, these features usually cost extra:

- Compare with [other Chamber offerings](#)
- LANforge WiFi test systems and automation software.
- Programmable Attenuators
- RF Splitter Combiners and cables
- Different Interface options are available

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