

- a)** 4 x 13A twin sockets fed from the essential power supply with dedicated 20A circuit breaker;
- b)** 2 number of AC & DC earth bars connected to the dedicated earth pits with resistance less than 1ohm;
- c)** Provide 2 x 40A TP isolator fed with dedicated feeder from essential power supply (EDB);
- d)** Dedicated A/C system (ducted split FCU) with duty & standby units with proper interlocking, to maintain the room temp. at $^{\circ}21C \pm ^{\circ}1C$;
- e)** Heat dissipation can be considered at 300 Watts/sq. meter. + 3kW per rack;
- f)** 2 nos. handheld CO₂ cylinder extinguishers to be provided inside the room;
- g)** Room should be provided with adequate lighting with minimum of 200 Lux at table level;
- h)** Room shall be complying with the fire and safety requirements like smoke detector, fire alarm, emergency light etc. as per local authority standards. Any water sprinklers have to be avoided;
- i)** Raised flooring system requirement shall be advised during design NOC stage by Operators.

Also refer to Appendix- 5 - Summary Table EM Specification, for consolidated EM requirements.

3.3.1.5 Telecom Rooms – Floor Telecom Room

Floor telecom room must be provided on all the floors of multi-tenant buildings (residential/commercial buildings) for the routing or splicing or termination of telecom cables.

The minimum room dimensions will depend on the function and features of the building. Refer to the standard FTR sizes with respective number of tenants per building in Appendix 6.

The floor telecom room must be provided with two doors that open outwards.

Refer to the FTR sizes with wall mount mini ODF (splice cabinet) mounting detail in Appendix 1 Figure 9.

Refer to the mini ODF (Splice cabinet) detail in **Appendix1- Figure 12**