

The minimum room dimensions will depend on the function and features of the building. The doors to this room must be open outwards and have a minimum opening of 1000mm x 2100mm (W x H).

Refer to the standard MTR sizes with respective number of tenants per building in Appendix 6.

The detailed specifications of these rooms are included in the text below and summarized in **Appendix2-Table 2** and **Appendix- 6 - Summary Table ISP Specification**

Rack and ODF elevations details are provided in, Appendix1- Figure 8 and 9

### **3.3.1.3 General Electromechanical (EM) requirements for Main Telecom Room (MTR) – Residential Buildings**

- 4 x 13A Twin Socket distributed on the walls of the MTR;
- One number of AC and DC Earth bars;
- A/C Unit – to maintain the temperature at °24C;

Provide 2 x 32A TP isolator fed with dedicated feeder from essential power supply (EDB) if required by the operator during the NOC process;

- 2 nos. handheld CO<sub>2</sub> cylinder extinguishers to be provided inside the room;
- Room should be provided with adequate lighting with minimum of 200 Lux at table level;
- Room shall be compliant with the fire and safety requirements like smoke detector, fire alarm, emergency light etc. as per local authority standards. Any water sprinklers must be avoided.

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

### **3.3.1.4 General Electromechanical (EM) requirements for Main Telecom Room (MTR) – Commercial and Mixed Used Buildings**

All the telecom rooms, with the exception of the floor telecom space, must be provided with an air conditioning system to maintain the temperature at °21C ± °1C and the relative humidity at %10 ± %50. It is to be placed over the door.

The following design principles must be followed while designing air conditioning system for commercial and Mixed Used buildings only.