

- 71.12 Minimum internal radius of bend for cable in fixed wiring installation shall not be less than 8 times the overall diameter of the cable.
- 71.13 No joints shall be permitted on any cable runs in Consumer's fixed wiring installation.
- 71.14 Where cables or wiring system passes through floor, wall, partitions or ceiling, the openings remaining after passage of the wiring systems shall be sealed to the degree of fire resistance required.
- 71.15 Cable glands used for armoured cables shall be of brass compression type, complying with BS 6121, with earth tag and PVC shroud.
- 71.16 All terminations of cable conductors shall be mechanically and electrically sound. Every termination shall be made by means of a terminal or compression type socket/lug, to the approval of DEWA, and shall not impose any mechanical strain on the terminal or socket/lug.
- 71.17 Separate Earth Continuity Conductors (ECCs) shall be installed and terminated for each feeder/circuit, as specified under Section 5 of this Regulation.
- 71.18 Single core cable shall be arranged in trefoil formation. Non-ferrous cable gland plate shall be used for termination of single core armoured cables. The armour shall be connected to earth.
- 71.19 No cables shall run in a lift or hoist shaft unless it forms part of the lift/hoist installation

## **7.2 DISTRIBUTION BOARDS**

- 7.2.1 All distribution boards either main, sub-main or final DBs shall be installed in locations to which access is available at all times for operation, testing, inspection, maintenance and repair.
- 7.2.2 Main, sub-main or final Distribution Board/s shall not be installed within bath rooms, toilet, damp or wet locations, bed rooms, kitchen, above sinks, store rooms, high ambient rooms, dangerous or hazardous locations or below any stair case.
- 7.2.3 All main, sub-main and final distribution boards shall be selected and designed based on the guidelines specified under section 4 of this Regulations.
- 7.2.4 Each distribution board shall incorporate means for isolation of mains supply in the form of either circuit breaker or incomer isolator as applicable.