

Cable tray in front of the door

Article Overview

Placing a cable tray directly in front of a door is generally not recommended due to safety, accessibility, and code compliance concerns, but there are alternative solutions to safely route cables across doorways.

Safety and Accessibility Concerns

Installing a cable tray in front of a door can create several issues:

- **Trip Hazard:** A cable tray across a doorway can obstruct foot traffic, increasing the risk of trips and falls, especially in high-traffic areas.
- **Door Functionality:** The door may not open or close properly if the tray interferes with the threshold or swing path. This can compromise emergency egress and daily usability.
- **Code Compliance:** Electrical and building codes often require clear access paths and may restrict placing permanent cable management systems in exit routes or doorways.

Cable Tray Considerations

Cable trays are designed to support and organize electrical and communication cables, typically mounted on walls, ceilings, or under floors . They come in various types, including channel trays, ladder trays, and wire mesh trays, and are made from materials like aluminum, steel, stainless steel, or fiberglass . While they provide excellent cable protection and organization, they are not intended for placement across moving doors due to mechanical and safety limitations....

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Cable tray

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Method Statement for Installation of Cable Tray or Trunking

Site fabrication shall not be permitted. Where cable tray carries 13.8 kv cable, a tray lid shall be installed. Provide

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