

Thickened Wall-Mounted Cable Trays



AI Overview

Thickened wall-mounted cable trays are heavy-duty support systems designed to securely hold and organize cables on walls, offering enhanced load capacity and durability for industrial and commercial installations.

Overview

Thickened wall-mounted cable trays are engineered to provide robust support for power, communication, and control cables, particularly in environments where high cable density or heavy loads are expected. These trays are typically made from steel, stainless steel, or aluminum, and are often pre-galvanized, hot-dip galvanized, or coated with epoxy or polyester to resist corrosion and extend service life.

Key Features

- Increased Thickness:** Wall-mounted trays are available in 2mm to 6mm thicknesses, depending on the material and coating, which enhances their load-bearing capacity and structural stability.
- Heavy-Duty Design:** Many thickened trays are classified as medium to ultra heavy-duty, suitable for industrial applications where cables are heavy or densely packed.
- Versatile Mounting:** These trays can be mounted directly to walls using special suspension systems, brackets, or shaft hangers, ensuring secure installation even on reinforced concrete or steel structures.
- Corrosion Resistance:** Coatings such as hot-dip galvanization, epoxy, or stainless steel finishes protect against environmental factors, making them suitable for both indoor and outdoor installations.
- Customizable Lengths and Widths:** Standard lengths are typically 3 meters, with options up to 6 meters, and widths ranging from 150mm to over 1000mm, allowing adaptation to specific project requirements.

Advantages

- Enhanced Load Capacity:** Thickened trays can support heavier cables without deformation, reducing the risk of sagging or damage.
- Durability:** High-quality materials and protective coatings ensure long-term performance in harsh environments.
- Ease of Maintenance:** Open designs allow for easy inspection, cable addition, or reconfiguration without dismantling the entire system.
- Compliance and...**

Article Content

Mega Snake 801 Series Cable Tray

Description The 501 Series Wall Mount Cable Tray directly attaches to walls without brackets using integrated mounting rings located along the center spine of the tray.

Guide to cable support systems

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The 454 series flexible cable tray from Snake Tray can be mounted overhead or on a wall in one easy-to-install system.

Cable Tray Installation Guidelines | PDF | Galvanization

This document provides details on installing cable trays and their support systems. It includes diagrams showing how to mount cable trays on walls using pre

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In designing supports for a cable tray system, consideration should be given to the loads associated with future cable additions and any additional loading that may be applied to the cable tray system (e.g.,

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The 501 Series Wall Mount Cable Tray directly attaches to walls without brackets using integrated mounting rings located along the center spine of the tray.

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Snake Tray® Wall Mount Cable Tray

Wall Snake tray is made for linear installs where space is at a premium. 501 series trays are made to be attached to the wall without using brackets, shop now.

Cable Tray | EAE Electric | Medium & heavy duty cable

EAE cable trays and ladders provide high-strength cable protection that protects the cables from external factors. EAE cable trays are mass produced with the "Roll

Contact Us

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