

Jianli cable trays are available in a full range of specifications

Article Overview

Jianli cable trays are high-quality cable management systems available in various types, materials, and sizes, designed for industrial, commercial, and data center applications.

Types of Jianli Cable Trays

Jianli offers multiple cable tray types to suit different installation needs :

- o Ladder Cable Trays: Feature side rails with rungs for supporting heavy cable bundles, ideal for long runs and high-load applications.
- o Wire Mesh (Basket) Trays: Constructed from welded steel wires forming an open mesh, providing excellent ventilation and flexibility for frequent cable changes.
- o Solid-Bottom Trays: Fully enclosed trays that protect sensitive cables from dust, moisture, and electromagnetic interference.
- o Channel Trays: U-shaped trays suitable for light cable loads and confined spaces.

Materials

Jianli cable trays are typically manufactured from durable metals such as:

- o Steel (galvanized or powder-coated for corrosion resistance)
- o Stainless Steel (for harsh or outdoor environments)
- o Aluminum (lightweight and corrosion-resistant) Some trays may also include fiberglass for chemical or moisture resistance .

Dimensions and Load Capacity

- o Widths: Commonly range from 50 mm to 600 mm or more, depending on cable volume.
- o Lengths: Standard sections are usually 2-3 meters, with custom lengths available.
- o Load Classes: Defined by the tray's ability to support cable weight over a specific span. Ladder trays, for example, are rated for heavy loads with 16-gauge steel rungs providing mechanical support and strain relief .
- o Height/Depth: Varies by type; ladder trays have deeper rungs for larger bundles, while channel trays are shallower for light loads.

Accessories and Installation

Jianli provides a range of accessories for proper installation and routing :



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- o Couplers, elbows, tees, and reducers for directional changes
- o Supports and brackets for wall, ceiling, or floor mounting
- o J-bolt kits for securing trays to cabinets or racks
- o Covers for protection against dust or interference

Standards and Compliance

Jianli cable trays are designed to meet international standards for safety and performance, including:

- o NEMA (USA)
 - o IEC (International)
 - o CE marking for European compliance
- These standards ensure mechanical strength, fire resistance, and electrical safety .

Applications

Jianli cable trays are suitable for:

- o Industrial plants and factories
 - o Commercial buildings and office complexes
 - o Data centers and telecommunication rooms
 - o Hazardous or outdoor environments (with appropriate material selection)
- In summary, Jianli cable trays provide versatile, durable, and standardized solutions for cable management, with multiple types, materials, and accessories to accommodate various load requirements and installation environments .

Bahra Electric Cable Trays are an essential component of any well-designed electrical infrastructure, providing a safe, organized,

Eaton

PVC cable tray can be installed in both commercial and industrial environments. - Damp, saline environments: ges,

These cable tray systems serve as efficient alternatives to traditional wireways and electrical conduits, which fully enclose cables.

Cable tray systems are defined to include, but are not limited to straight sections of of [ladder type] [vented

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bottom type] [solid bottom

Our range of steel ladder cable trays are manufactured using mild steel, stainless steel and aluminum which are in compliance to

Explore standard sizes by tray type, understand width and depth limits, and see how to

Explore standard sizes by tray type, understand width and depth limits, and see how to calculate and choose compliant

Cable Tray Cable trays are mechanical support systems that provide a rigid structural system for electrical cables, raceways, and

In the electrical wiring of buildings, a cable tray system is used to support insulated electrical cables used for power distribution,

Types of Cable Trays and Sizes Explore various cable tray types and sizes for electrical installations. Learn about ladder, perforated,

Cable trays are a type of cable management system used to support and organize electrical cables and wires in commercial,

The combination of straight cable tray with the other accessories having a unique integrated coupling system. The offers in wide

Explore the types of cable trays, their advantages, applications, and standard sizes. Learn how they improve cable

Niedax offers complete and specific solutions for every application in the field of cable laying technology. Cable support systems

Established in 2009, United U-Li Projects Pte Ltd carry a comprehensive range of high

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