Complete List of Dongya Cable Tray Specifications



Overview

Cable Tray Specifications and TypesCable Tray Catalogue - Free download as Excel Spreadsheet (.xls /.xlsx), PDF File (.pdf), Text File (.txt) or read onli.

Key Takeaways

Dongya cable trays typically follow standard dimensions, materials, and load capacities similar to industry norms for ladder, perforated, and solid trays. Typical SpecificationsParameterSpecificationTray TypeLadder, Perforated, Solid, Wire MeshMaterialMild Steel, Stainless Steel (AISI 304/316), AluminumSurface TreatmentHot-dip galvanized, Pre-galvanized, Powder-coated, Bare metalWidth (W)50 mm – 600 mm (common increments: 100, 150, 200, 300, 400, 500, 600 mm)Height (H)50 mm – 150 mm (typical: 50, 70, 100, 120 mm)Length (L)Standard 2 m, 3 m, or custom lengthsLoad CapacityVaries by width, height, material, and support spacing; typically 50–500 kg/m²Bend Radius / FittingsElbows, Tees, Crosses, Reducers, Vertical Risers, Covers, Joint ConnectorsStandards ComplianceIEC 61537, NEMA VE 1, UL 568, ISO 9001 quality managementCorrosion ResistanceSuitable for indoor/outdoor use depending on coating; stainless steel for high-corrosion environmentsElectrical ContinuityOptional bonding/earthing provisions for metallic traysFire ResistanceSteel trays generally rated for standard fire protection; non-combustibleNotes on SelectionTray Width and Depth: Choose based on total cable cross-sectional area and allowed fill percentage (commonly 40% of usable area) to prevent overcrowding and overheating.

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Material Choice: Mild steel with galvanization is cost-effective for general use; stainless steel or aluminum is preferred for corrosive or outdoor environments. Support Spacing: Ensure proper support intervals to maintain structural integrity and prevent excessive deflection under load. Fittings and Accessories: Use compatible elbows, tees, and reducers to maintain continuous cable support and proper routing.

Compliance: Verify that the selected tray meets local electrical and safety standards, including UL, IEC, or NEMA certifications. This table provides a comprehensive reference for Dongya cable trays, aligning with standard industry practices for dimensions, materials, coatings, and load capacities, suitable for engineering design, procurement, and installation planning.

Article Content

Cable Tray Specifications and Types

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CABLE TRAY, CABLE LADDER, CABLE TRUNKING CATALOGUE

Length (W): 200. ng to tray height. Depth (D): 1.2mm, 1.5mm, Material: Mild steel sheet / PO steel sheet. Constructed Type: MIG welding. er coating / Hot ip galvanize / Bare galvan 4 Hanger Support.

Cable Tray Catalogue | PDF

These trays consists of two longitudinal side rails connected by individual transverse members. Service duration chart for all coatings in an Industrial Environment.

Cable Tray and Ladder | PDF

The document contains specifications for cable ladder and tray systems including dimensions, materials, and part numbers. It lists various component types such as straight cable ladders, accessories, and

cable tray(digital copy)

Maximizes ventilation for dissipation of heat generated by charged electric cables. Easy to install with less cost & negligible maintenance. High capacity to accommodate maximum no of cables. Superior

Full cable tray systems specification document

The work covered under this section consists of the furnishing of all necessary labor, supervision, materials, equipment, tests and services to install complete cable tray systems as shown on the

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Cable Tray for PDF

Cable trays are capable of supporting all types of wiring such as high voltage power lines, power distribution cables, sensitive control wiring, telecom wiring and optical cables.

CABLE TRAY

Cable Trays are designed to meet most requirements of cable and electrical wire installations and comply to local and international standards of fabrications and finishes.

3" NEMA VE 1 Loading Depth 4" Side Rail Height

Values are based on simple beam tests per NEMA VE 1 on 36" wide cable tray with rungs spaced on 12" centers. Cable trays will support without collapse a 200 lb. (90.7 kg) concentrated load over and

Cable Tray Specifications

Different cable tray designs offer unique advantages in terms of load capacity, ventilation, protection, and ease of installation. Below is a detailed breakdown of the most common types, their features,

B-Line series Cable Tray Design Considerations

As an industry leader in cable tray, Eaton offers one of the widest ranges of cable management solutions available in the market today with its B-Line series portfolio. With unmatched quality and service, we

CABLE TRAYS

PVC cable tray can be installed in both commercial and industrial environments. - Damp, saline environments: ges, etc... The specific characteristics of PVC combined with Legrand''s

CABLE MANAGEMENT SYSTEMS CABLE TRAYS & ACCESSORIES

Fiberglass Reinforced Plastic (FRP) Cable Tray / Ladder SFSP Fiberglass Reinforced Plastic (FRP) Cable Management Systems are designed, manufactured, and tested to be installed in most harsh

Cable Tray Width, Dimensions and Specifications as per NEC

Learn about cable tray width dimensions and specifications as per NEC standards. Understand types, sizes, materials, and installation guidelines for safe and efficient wiring systems Cable tray systems

cable tray technical specifications cable tray

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standards & specifications light & medium duty cable tray sizes essories do not have a return edge. Also light duty tray of widths 150mm and un-der do not require the use of For sizes that do require a pair

STANDARD PERFORATED CABLE TRAY

STANDARD PERFORATED CABLE TRAY Suitable for power and data cable routing in industrial, commercial, and infrastructure projects. Manufactured from high-quality GI, Hot Dip Galvanized,

Catalog Cable Tray Ver Final

Cable Ladders Straight sections of ladder type cable trays consist of two longitudinal side rails, connected by individual transverse members, or rungs, which are welded to the side rails or

FRP Cable Tray Catalog Features & Specs & Applications

Ideal for Managing and Protecting Cables FRP cable tray is the support system for managing cables and protect cables from heating, rains and corrosive elements.

Related Video Reference

This video was associated with the source search result. Verify technical details against current product documentation and project requirements.

Contact Us

Continue your research online:

Website: https://cgweb.co.za
Technical inquiry: https://cgweb.co.za/project-enquiry.html

This document is for preliminary research. Verify specifications against current standards, product documentation and project requirements.

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