

Specifications for Trough-type Fireproof Cable Trays



AI Overview

Fireproof trough-type cable trays are fully enclosed systems designed to protect cables from fire, mechanical damage, moisture, and electromagnetic interference, with fire resistance up to 90 minutes.

Key Features

Enclosed Trough Design: The tray is fully enclosed with a matching cover, providing complete protection for cables against dust, water vapor, falling debris, chemical corrosion, and electromagnetic interference, making it ideal for sensitive control, communication, and low-voltage signal cables.

Materials: Commonly manufactured from high-quality steel (Q235), stainless steel, or aluminum alloy, often combined with fire-retardant coatings and advanced surface treatments for durability and corrosion resistance.

Fire Resistance: Fireproof trough-type trays are engineered to maintain circuit integrity during fire incidents, with fire endurance ratings typically ranging from 45 minutes (F3) to 90 minutes, depending on the standard and application. They comply with international and national fire safety standards, such as GB 29415-2013 in China.

Dimensions: Standard widths range from 50 mm to 1200 mm, with customizable heights and lengths. Edge structures can include 45-degree, 90-degree, or return edges to enhance safety and structural performance.

Modular designs allow for straight sections, elbows, tees, and reducers for flexible routing.

Customization: Trays can be tailored in material, dimensions, color, surface treatment, and fireproof coating, supporting OEM and ODM services for complex projects.

Fireproof coatings are typically eco-friendly, non-toxic, and smoke-suppressant.

Installation: Supports overhead, wall-mounted, vertical shaft, and suspended applications. Removable covers facilitate inspection and future expansion without major reconstruction.

Standardized brackets and fastening systems reduce installation time and labor costs.

Article Content

Galvanized Cable Tray

Galvanized trough-type 200*100 iron trunking for cable bridge, plastic-sprayed fireproof bridge, hot-dip galvanized tray trunking bridge.

Trough Type Cable Tray Guide: Load, Installation & Benefits

A professional guide to trough type cable trays. Explore load capacity charts, installation guidelines, advantages over ladder type, and key selection criteria for your project.

Trough Galvanized Cable Tray: Durable & Corrosion-Resistant

Looking for a reliable trough galvanized cable tray? Discover top-rated, corrosion-resistant options with quick install clips and modular design. Click to find trusted suppliers and

10 Best PC Cable Management Kits (March 2026)

PC cable management kits have become essential for anyone serious about maintaining a clean workspace in 2026. These comprehensive

Search results for "North Korean Fire Cable Tray" | ARCAT

Search results for "North Korean Fire Cable Tray" in architectural information on building materials, manufacturers, specifications, BIM families and CAD drawings.

12-SDMS-06

Trough Type Trough tray shall be prefabricated structure greater than 102 mm in width consisting of a ventilated/perforated bottom within integral or separate longitudinal side rails.

quality Fireproof Trough Type Cable Tray-Guangdong Tianlai Steel ...

Fireproof trough type cable trays are specifically designed to enhance fire safety in electrical distribution systems. The tray surface is typically coated with flame-retardant and fire-resistant materials that

Trough Type Fireproof Cable Tray with Cover Price List Cable Trunking

Cable Trunking is a fully enclosed cable tray, suitable for laying computer cables, communication cables, thermocouple cables and other control cables of highly sensitive systems. It has a good effect on

B-Line series Cable Tray Design Considerations

Our wind certification report provides you with list of acceptable B-Line series cable tray supports, fittings and covers based off of the environmental conditions, cable loading, and type of cable tray in your

PROtrough

PROtrough is a GRP cable management trough that has been designed to comply with all European fire retardant specifications, including those for tunnels and stations.

Industrial Fireproof PVC Orange Trough-Type Cable Tray for Optic

The cable trays include: trough type, tray type, large-span type and various models, all of which can be processed and customized. Surface treatments include galvanizing, galvanizing with plastic coating,

Galvanized Cable Tray factory

China Galvanized Cable Tray manufacturer, Tianjin Baoli Gold Pipe Co., Ltd is Hot Dipped Galvanized Cable Tray factory, offering quality products at factory prices.

CableTray Book English

Technical specifications Load ratings: 1.5 safety factor. All tray sections will support an additional 200 lb concentrated load on any portion of tray above and beyond published load class.

quality Fireproof Trough Type Cable Tray-Guangdong Tianlai Steel ...

Modern fireproof trough type cable trays are manufactured using high-quality steel plates, stainless steel, aluminum alloy, or other durable materials combined with fire-resistant coatings and advanced

Trough Type Cable Trays: Find Top-Quality Options

Discover premium trough type cable trays with fireproof, corrosion-resistant features. Compare prices, customization options, and supplier ratings. Click to find the best fit for your project

Aluminum Cable Tray

The main products of KUALIAN are Buy Fireproof Cable Tray,Trough Type Cable Tray,Fireproof Cable Tray for Building,Galvanised Bridge from china,etc

100+ Essential Questions Answered About Cable Trays:

Discover over 100 expert answers about cable trays, covering key topics like material selection, load capacity, installation methods, and maintenance.

Fireproof Cable Tray Factory_Manufacture_Supplier

The fire-resistant cable tray adopts a steel shell, double-layer fire-resistant cover plate, and is equipped with inorganic fire-resistant trough box inside. The double

Full cable tray systems specification document

B. Product Data: Submit manufacturer's data on cable tray including, but not limited to, types, materials, finishes, rung spacings, inside depths and fitting radii.

Fireproof Cable Trays Acceptance: Standards for Safety

Ensure safety and durability with this comprehensive guide to fireproof cable trays acceptance. Learn coating processes, inspection standards, and

2026 Top 10 Trough Cable Tray Manufacturers in China

In the actual procurement process of trough type cable trays, it is recommended to clarify the specification parameters according to project requirements, such as width, depth, thickness, and

"Aluminum Ladder Cable Tray"

The Aluminum Ladder Cable Tray is a key item within our extensive Cable Tray selection. OEM cable trays are customized for brand specifications, often shared across sectors. Factory direct options

[Hot Item] Aluminum Alloy Fireproof Hot DIP Galvanized

Aluminum Alloy Fireproof Hot DIP Galvanized Bridge Cover Ladder Type Cable Tray, Find Details and Price about Ladder Type Cable Tray Aluminum Cable

Sturdy Enclosed Trough Fireproof Cable Tray for Computer Room

Manufactured from hot-dip galvanized steel, this Solid Bottom Cable Tray provides superior corrosion resistance and durability. The Solid Bottom Tray with top cover creates a completely sealed

Contact Us

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