Local Fireproof Cable Tray Model Specifications Table



Overview

Cablofil fire resistant and fire proof cable trays are increasingly specified in the construction, power, oil, gas, petrochem, rail and utilities industries.

Key Takeaways

Fireproof cable trays are available in various materials and fire-resistance ratings, with specifications including load capacity, dimensions, and installation type.

Fireproof Cable Tray Specifications

Model / TypeMaterialFire ResistanceLoad CapacityDimensionsInstallation TypeNotesYMzK-FB 90 E30 4x1. 5SteelE30 (30 min)4x1. 5 mm²Standard ladder widthCeiling / WallEAE Group, ISO certified production SMzK-FB 30-60 E30 4x16SteelE30 (30 min)4x16 mm²Ladder width 30–60 mmCeiling / WallEAE Group, fire-resistant system JS(st)H-FB 30-60 E30 1X2X0.

8+0. 8SteelE30 (30 min)1x2x0. 8+0.

© 2026 EXF OPTICAL NETWORKS - All rights reserved

8 mm²Ladder width 30–60 mmCeiling / WallEAE Group, suitable for light cables Pultruded FRP Ladder TrayFiberglass Reinforced Plastic (FRP)Fireproof, self-extinguishingWorking load per design, factor of safety 1. 5Custom lengths, standard ladder widthsCeiling / Wall / FloorReal Safety, corrosion-resistant, lightweight, ISO 9001 certified Legrand Fire-Resistant TraySteel / Galvanized SteelComplies with EN 61537, fire-rated per local standardsVaries by modelLadder / Perforated / SolidCeiling / WallCE marked, UL/NEMA certified, tested for overheating and fire ABB Steel Cable TrayPre-galvanized / Hot-dip galvanized steelFire-resistant per EN / ISO standardsVaries by span and rung spacingLadder / Channel / Wire meshCeiling / WallCorrosion-resistant, suitable for industrial environments Key ConsiderationsMaterial Selection: Steel trays offer high mechanical strength and fire resistance, while FRP trays provide corrosion resistance and lightweight handling.

Fire Rating: E30 indicates 30 minutes of fire resistance; other ratings may be available depending on local standards. Load Capacity: Always verify the working load against cable weight and safety factor (typically 1. 5 for FRP trays),.

Installation: Ceiling, wall, or floor mounting depends on the tray type and building design. Ladder trays are common for heavy cables, while perforated or solid trays are used for heat-sensitive or aesthetic applications. Compliance: Ensure trays are CE marked or certified by UL, NEMA, or local authorities to meet fire and safety regulations.

This table provides a comprehensive overview of local fireproof cable tray models, covering material, fire resistance, load capacity, and installation suitability, helping engineers and designers select the appropriate system for electrical installations.

Article Content

GUIDE CABLE TRAYS TECHNICAL

NEMA VE 1-2017 Specifies requirements for metal cable trays and associated fittings designed for use in accordance with the rules of Canadian Electrical Code, Part I and the National Electrical Code®

LEGRAND CABLE TRAYS TECHNICAL GUIDE

Not all cable trays are equivalent. The mechanical and electrical characteristics, tests, certifications, overall quality management, recommendations mentioned in this technical guide only apply to our

FIRE RESISTANT PROOF CABLE TRAY, DIN STANDARD E90

Cablofil fire resistant and fire proof cable trays are increasingly specified in the construction, power, oil, gas, petrochem, rail and utilities industries. Cablofil cable tray has been successfully tested and

© 2026 EXF OPTICAL NETWORKS - All rights reserved

Firestop

3M Fire Barrier Moldable Putty+ is a one-part, halogen-free product designed to firestop electrical outlet boxes and a wide variety of through-penetrations including cable, conduit, insulated pipe and metal

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.

Product Specifications: CABLE TRAY

FDG CABLE TRAY ng; Power, Data, and Audio Visual. A quick and easy system to install without the need for specialised tools or equipment, makes it a first choice for Comm solution that works for your

FRP CABLE TRAY SYSTEM

The installation of REAL SAFETY Cable Tray should be made in compliance with the standards set forth by the National Electric Code and NEMA Publications FG-1 (current issue).

SWIFTS CABLE TRAY

With the new Swiftclip, lengths and fi ttings of Swifts cable tray can be fi tted without the use of specialist tools – making it even faster, safer and easier to fi t.

Cable Tray Technical Guide A practical guide to product selection and ...

Cable tray installed in a hazardous location must contain only those cables that are appropriate for this type of environment as defined in Chapter 5 of the NEC.

Fire resistant cable tray | Hermi-solutions

Cable trays are intended for the construction of fire-resistant cable paths with surface cable laying. Cable paths are constructed as standard or lightweight

Enso/public/33.js.map at master · underdogg-forks/Enso

Laravel Vue SPA, Bulma themed. For demo login use ''admin@laravel-enso '' & ''password''. - underdogg-forks/Enso

GUIDE CABLE TRAYS TECHNICAL

In accordance with its continuous impro-vement policy, Legrand reserves the right to change the specifications and illus-trations without notice. All illustrations, descriptions and technical information

© 2026 EXF OPTICAL NETWORKS - All rights reserved

Fireproof Cable Trays Acceptance: Standards for Safety and Longevity

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

Cable Tray Technical Guide A practical guide to product selection and ...

A practical guide to product selection and installation This guide for engineers and installers has been developed by ABB as a practical reference regarding cable tray characteristics, installation, and

Technical Guidelines for Cable Tray Installation and

Periodically inspect outdoor trays for rust, moisture accumulation, or UV damage reproof trays require scheduled inspection for coating integrity and

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

Full cable tray systems specification document

B. Cable tray systems are defined to include, but are not limited to straight sections of [ladder type] [trough type] [solid bottom type] [channel type] cable trays, bends, tees, elbows, drop-outs, supports

Fire Resistance Testing of Cable Trays: Key Standards & Methods

Are Your Cable Trays Fireproof? Here''s How to Find Out When a fire breaks out, the last thing you want is your cable trays

© 2026 EXF OPTICAL NETWORKS - All rights reserved

Contact Us

Continue your research online:

Website: https://explosivefunctions.co.za
Technical inquiry: https://explosivefunctions.co.za/contact.html
EU project coordination: Parque das Nações, Lisbon, Portugal

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

© 2026 EXF OPTICAL NETWORKS - All rights reserved