Manufacturer of custom-made long-span cable trays

Overview

Large span cable trays are designed to support heavy cable loads across long distances without intermediate supports.

Key Takeaways

Long-span cable trays are produced by specialized manufacturers such as Tongyang Electric, Spina Group, Atkore International, and the Niedax Group, offering high load capacity and extended support spans for industrial applications.Leading Manufacturers and Suppliers

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Tongyang Electric specializes in long-span cable trays designed for heavy-duty industrial and mining applications, including petrochemical, textile, metallurgy, and power industries. Their trays feature increased load capacity, longer support spans, and structural durability suitable for both indoor and outdoor installations, as well as underground projects like subways and civil air defense systems . Spina Group (Schiavetti Tekno), based in Italy, manufactures stainless steel, galvanized, and wire-mesh cable trays. They offer ladder, perforated, and closed-bottom types, with custom sizes and compatibility with Unistrut systems. Their products are designed for high mechanical resistance, ventilation, and long-term performance in demanding industrial environments . Niedax Group provides a wide range of cable management systems, including steel, aluminum, PVC, and GRP trays. They focus on complete solutions for ceilings, walls, and floors, with technical consulting, planning, and installation support. Their global presence ensures availability and service in over 30 countries . Atkore International is a major manufacturer of cable trays and infrastructure products, offering galvanized, stainless steel, and fiberglass options. They provide both standard and custom roll-formed trays suitable for large-scale industrial projects, with extended warranties and global distribution .

Product Types and Materials

Long-span cable trays are available in various materials and designs to meet specific project requirements:

• Ladder trays: Open structure for heavy-duty cables, excellent ventilation, and easy access.

• Perforated trays: Lightweight, good for medium loads, and allow heat dissipation.

• GRP (Glass-Reinforced Polyester) trays: Corrosion-resistant, suitable for chemical or outdoor environments.

• Steel and aluminum trays: High strength, suitable for industrial and infrastructure projects.

• Fire-resistant and compact busway options: For specialized safety and electrical requirements .

Advantages of Long-Span Cable Trays

• Extended support spans reduce the number of supports needed, saving materials and installation time.

• High load capacity allows safe routing of heavy and large cables.

• Versatility for indoor, outdoor, and underground installations.

• Durability in harsh industrial environments, including resistance to corrosion, heat, and mechanical stress . These manufacturers and product types provide reliable solutions for industrial, infrastructure, and energy projects requiring long-span cable management systems.

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Article Content

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We can custom-engineer tray widths, depths, and lengths to fit specific architectural constraints or unique

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We offer modern, innovative, and technically advanced cable trays, tray covers and wire management accessories, support, and

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As an industry leader in cable tray, Eaton offers one of the widest ranges of cable management solutions available in the market

Cooper B-Line

Cooper B-Line''s product offerings also set new standards. Cooper B-Line manufactures cable support product lines that bridge both

Cable trays Heavy duty | SILTEC

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SILTEC cable trays, heavy duty type, has been developed for optimal cabling of many cables at once. SILTEC cable trays, heavy

PRODUCT BROCHURE T&B® Cable Tray Specialty aluminum

40-foot spans reduce support requirements For cable tray applications lacking sufficient space for the number of supports required

Long-Span Ladder Cable Tray System

The length of the ordinary bridge is about 2M, and the length of the large span bridge can be customized,

Large Span Cable Tray | Heavy Duty Cable Tray Manufacturer

Large span cable trays are designed to support heavy cable loads across long distances without intermediate supports. Made from

Long-Span Cable Tray | Heavy-Duty Support for Large Industrial Cable

Long-Span Cable Tray | Heavy Load Cable Support for Large Distances Long-span cable trays have a larger support span than

US Tray

Atkore''s US Tray was established in 2012, as an American manufacturer of made-to-order cable trays that are built per NEMA

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Cable Trays Manufacturers and Suppliers in the USA and Canada

Manufacturer of standard and custom roll formed cable trays. Serves the agricultural, aerospace, antenna, electrical,

TECHNICAL AND SIZING DATA

The cable ampacity installed in solid tray will be similar to cable installed without spacing in accordance with CEC Rule 12-1210 (3).

Cable Tray Manufacturer

Our skilled experts, advanced technologies, strong on demand manufacturing abilities,

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Cable Tray Manufacturer | Wire Mesh & Solid-Bottom Trays

From heavy power cable on long spans to sensitive fiber in the data center — we fabricate the full range of cable tray types to your

Cable Tray Manufacturer

We supply complete cable tray systems including cable ladders, perforated trays, wire mesh trays, trunking, and support structures

Cable Trays Manufacturers and Suppliers in the USA and Canada

Custom manufacturer of building cable trays made from carbon steel and stainless steel materials. Capabilities

Cable Trays | Cable Management Systems | Snake Tray

Snake Tray has been designing and manufacturing cable trays (cable management systems), power distribution and enclosures

Cable Trays | EAE USA

EAE USA is a cable tray manufacturer offering industrial and perforated cable tray systems!

Cable Tray and Ladder Systems

Basor Electric, the premier choice for cable management solutions, delivers unparalleled quality and innovation in cable tray and

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

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