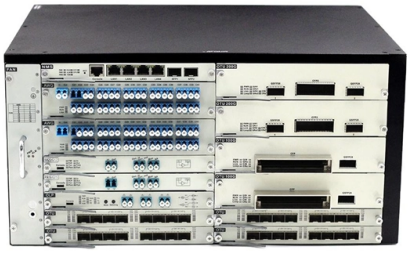
Stainless Steel Cable Tray Accessories Specifications



Overview

Constructed from high-quality 304 stainless steel, these trays provide exceptional durability and resistance to corrosion.

Key Takeaways

Stainless steel cable tray accessories are designed for durability, corrosion resistance, and flexible installation, typically made from 304 or 316 stainless steel and compliant with industry standards.

Material and Construction

Stainless steel cable tray accessories are commonly manufactured from 304 or 316 stainless steel, offering high resistance to corrosion, rust, and chemical exposure, with 316 providing superior resistance to chloride-induced pitting in harsh environments. Accessories often feature a chrome or polished finish for added durability and aesthetic appeal. Wire mesh or solid-bottom designs are used depending on the application, with mesh trays allowing easy sizing and cable adjustments.

Types of Accessories

Key accessories include: Couplers and Fishplates: Used to join straight sections securely, typically fastened with M6 bolts. Elbows and Bends: Facilitate directional changes in cable routing. Tees and Crosses: Enable branching of cable pathways.

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End Caps and Covers: Protect cables at tray terminations. Support Brackets and Hangers: Allow floor, wall, or ceiling mounting for versatile installation. Splice Plates and Connectors: Ensure mechanical stability and continuity across tray sections.

Dimensions and Load Capacity

Accessories are designed to match tray widths ranging from 150 mm and above, with light-duty trays sometimes not requiring return edges. Wire mesh trays typically have a mesh wire diameter of 4 mm and heights around 35 mm, with lengths commonly in 10-foot sections. Load capacity varies by tray type and stainless steel grade, with specifications provided by manufacturers to ensure safe cable support.

Standards and Compliance

Stainless steel cable tray accessories are NEC-approved and comply with European and international standards for mechanical and electrical safety.

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E marking, UL, and NEMA certifications are often applied to ensure compliance with local regulations. Accessories are tested for mechanical stress, corrosion resistance, and electrical safety to maintain professional and safe cable management systems.

Installation and Usage

Accessories are designed for easy installation and modification, allowing quick adjustments to accommodate project-specific requirements. They are suitable for a wide range of applications, including networking, AV systems, fiber optics, industrial wiring, hospitals, schools, and commercial buildings. Stainless steel construction ensures longevity even in industrial or outdoor environments.

Summary

Stainless steel cable tray accessories provide a robust, corrosion-resistant, and flexible solution for professional cable management. Key specifications include 304/316 stainless steel material, NEC and CE compliance, versatile mounting options, and compatibility with various tray sizes and configurations. Proper selection ensures safe, organized, and durable cable installations across diverse applications.

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Article Content

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Constructed from high-quality 304 stainless steel, these trays provide exceptional durability and resistance to corrosion. Designed for networking, AV systems, fiber optics, industrial wiring, and

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Description: This product category covers metal cable trays and metal cable tray systems intended for field assembly and for use in accordance with Article 392 of NFPA 70.

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