

What materials are used for cable tray suspension legs



Article Overview

Cable tray suspension legs are typically made of steel or stainless steel, often with galvanization or other corrosion-resistant coatings.

Cable tray suspension legs, which are part of the support elements used to hold cable trays in place, are generally constructed from steel or stainless steel to provide the necessary mechanical strength and durability for supporting cable loads and environmental stresses . These materials are chosen because they can withstand the weight of cables, resist deformation, and maintain structural integrity over time.

Corrosion Protection

To enhance longevity, galvanized steel is commonly used, either pre-galvanized or hot-dip galvanized after fabrication. This provides a protective zinc layer that prevents rusting, especially in environments exposed to moisture or corrosive substances . Stainless steel suspension legs are preferred in highly corrosive or outdoor environments due to their inherent resistance to corrosion without additional coatings.

Design Considerations

Suspension legs are part of a broader cable support system that includes cable trays, ladders, mesh trays, and fittings. They are designed to connect the cable tray to ceilings, walls, or structural beams, ensuring proper alignment and load distribution...

Article Content

Nov 15, 2025

Types of Cable Trays – Advantages, Applications and Sizes

Explore the types of cable trays, their advantages, applications, and standard sizes. Learn how they improve cable

Jul 25, 2025

Type of Cable Tray

Cable tray products are formed from the 6063 series alloys which by design are copper free alloys for marine applications. These

Jan 10, 2026

What Is A Cable Tray? 5 Types Of Cable Trays

A cable tray is a structural system used to support and manage electrical cables in various settings, such as industrial, commercial,

Jan 24, 2026

Comparing Electrical Cable Tray Materials-Aluminium, Steel, Plastic

Selecting the right material for a cable tray is crucial as it impacts durability, cost, installation, and long-term

Jan 01, 2026

Complete Guide to Metal Cable Tray Materials in Industrial Applications

Explore metal cable tray materials, their benefits, and applications in industrial settings for reliable cable management

Jun 12, 2026

Ultimate Guide to Cable Tray Selection – Types, Materials & Best

Learn how to choose the best cable tray system for your needs. Explore types, materials, installation tips, and NEC

Aug 02, 2025

Wire Mesh Cable Trays Technical Information Detailed, Material ...

WIRE MESH CABLE TRAY Surface Finish: ♦ Electro zinc plated-for indoor use to BS EN 12329-2000, 12microns thick. ♦ Hot Dipped

Apr 12, 2026

IEC Standard for Cable Tray: Complete Technical Guide

Understanding the IEC Standard for Cable Tray Cable trays play a vital role in supporting

Feb 03, 2026

100+ Essential Questions Answered About Cable Trays:

Discover over 100 expert answers about cable trays, covering key topics like material

Oct 01, 2025

What Is a Cable Tray? Functions, Types, Materials & Installation

Learn what a cable tray is and how it supports electrical cables in industrial systems. Discover types, materials,

Sep 10, 2025

CABLE TRAY SYSTEMS GUIDE

Steel Ladder System Hubbell's NEXTFRAME® Ladder Tray is the effective and widely used cable runway that supports and delivers

Apr 06, 2026

Complete Guide to Cable Tray Types: Materials, Configurations ...

Discover comprehensive information about what are the types of cable tray available, including materials, configurations, load

Feb 23, 2026

What Is a Cable Tray? Types, Materials, and Uses

Galvanized steel is the standard for general industrial use, offering high strength and corrosion resistance due to its

Aug 25, 2025

The Comprehensive Guide to Cable Tray Systems:

Master cable tray systems with our expert guide covering structural engineering, material

Aug 06, 2025

Cable trays

Our cable trays are produced in fit for purpose materials like stainless steel, galvanized, aluminium and

May 03, 2026

What material are the cable tray suspension legs made of

Cable Tray Materials: Most cable tray systems are fabricated from a corrosion-resistant metal (low-carbon steel, stainless steel or an

Sep 23, 2025

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

In designing supports for a cable tray system, consideration should be given to the loads associated with future cable additions and

Jun 29, 2026

Type of Cable Tray Introduction Cable Tray Materials Electrical

Cable trays fabricated of extruded aluminium are used for their high strength to weight ratio, superior resistance to certain corrosive

Oct 01, 2025

Best Practice Guide to Cable Ladder and Cable Tray Systems

Cable ladder systems and cable tray systems are designed for use as supports for cables and not as enclosures giving full

Jan 29, 2026

Best practice guide to cable ladder and cable tray systems

Cable ladder and cable tray systems The following recommendations are intended to be a practical guide to ensure

May 29, 2026

Cable Management Support Systems

Cable Management Support Systems Cable Support Systems are well designed to provide necessary support for cable trays, cable

Nov 26, 2025

Support methods

2 - TabLok trapeze Use TabLok profile to create trapeze-hung installations. For trapeze configurations, specify TabLok profile 4 in.

Jan 11, 2026

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

SOLID-BOTTOM CABLE TRAY Providing additional cable protection, solid-bottom cable tray is sometimes preferred to support and

Sep 08, 2025

What Is a Cable Tray? Types, Materials, and Uses

Typical Installation Environments Cable tray systems are deployed across a wide range of facilities that require

Jun 24, 2026

Types of Cable Trays: Benefits and Uses

Different types of cable trays offer key benefits, optimizing cable management and enhancing efficiency in electrical

May 18, 2026

Cable Tray

The cable trays are fastened to the cantilever brackets with 2 mushroom head bolts (FLM 6X12/FLM 6X16 F). The threaded rod can

Sep 22, 2025

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

Jan 13, 2026

What are the main components of a cable tray?

What Are the Main Components of a Cable Tray System? The main components of a cable

Apr 11, 2026

Decoding Cable Tray Support Structures: Tips and Insights

Discover efficient cable tray support structures for optimal cable management. Learn about

Contact Us

For more information, pricing, or custom solutions, please contact us:

Website: <https://chromadecksigns-eastrand.co.za>

Email: sales@chromadecksigns-eastrand.co.za

Phone: +32 2 318 5792

Address: Avenue Louise 500, 1050 Brussels, Belgium

This document is for informational purposes only. Specifications subject to change without notice.

