

American Aluminum Alloy Cable Management Frame

Article Overview

American aluminum alloy cable management frames are designed for high strength, corrosion resistance, and customizable configurations, with models ranging from standard cable trays to fully custom control panel frames.

Eaton B-Line Aluminum Cable Trays

Eaton's B-Line series cable trays are constructed from Aluminum Association Alloy 6063 for straight sections and Alloy 5052 for fabricated parts, ensuring durability and corrosion resistance . Key specifications include:

- Tray types: Ladder, solid-bottom, and radiused fittings
- Rung spacing: 6, 9, or 12 inches; radiused fittings typically 9 inches
- Load capacity: Each rung supports 200 lb concentrated load with a safety factor of 1.5
- Tray widths: 6, 9, 12, 18, 24, 30, 36 inches
- Lengths: Standard 10, 12, 20, or 24 feet
- Fittings: Minimum radius 12-48 inches; Wedge-Lock splice plates with 4 nuts and bolts per plate
- Standards compliance: NEMA VE 1 and VE 2 for installation and loading

Wiremold 5200 Series Aluminum Raceway

The Wiremold 5200 Series is a sleek, anodized aluminum raceway suitable for com...

Article Content

Nov 26, 2025

Custom Control Panels & Aluminum Wiring Frames

Since 2005, Satie North America has been the first choice of panel builders, electrical engineers, control engineers, and equipment

May 10, 2026

Cablofil Cable Management | Legrand

Build a cable management system with Cablofil wire mesh cable tray, ladder cable tray, prefab assemblies for branch circuit wiring,

Dec 08, 2025

Cable tray

ABB designs and manufactures cable tray systems, including perforated tray, cable ladder, channel tray and strut (metal framing).

Apr 25, 2026

Aluminum Frames: Definition, Advantages, and Applications

Aluminum frames continue to transform a variety of industries by improving efficiency, aesthetics, and sustainability. Understanding

Dec 07, 2025

Aluminum Alloy Wire & Cable Management – Mouser

Aluminum Alloy Wire & Cable Management are available at Mouser Electronics. Mouser offers inventory, pricing, & datasheets for

Sep 26, 2025

Advanced framing solutions, aluminum tubes, & steel tubes

EZTube is the global leader in advanced framing systems, extruded aluminum tubes, steel, & stainless steel tubes, connectors,

Aug 14, 2025

Aluminum Cable Tray | EAE USA

The Aluminum Cable Ladder has a high loading capacity to manage dense cable transitions. Designed with a lightweight structural

Jan 05, 2026

Aluminium Cable Trays | EAE Electric

The aluminum cable tray is a lightweight, durable, and cost-effective solution used for organizing and safely

Apr 10, 2026

Aluminum Cable Tray - RXL

Made from aluminum alloy, these rugged components bolt together to form a solid and reliable cable pathway. To secure and protect

Dec 17, 2025

Aluminum Framing Systems Information

Aluminum framing systems are modular systems assembled from extruded aluminum profiles. They include accessories that are

May 06, 2026

Affordable Wire Management, LLC - Innovative | Reliable | Affordable

Affordable Wire Management provides innovative, precision-engineered cable management solutions that are durable, reliable and

Oct 14, 2025

Custom Aluminum Cable Trunking Extrusion| China Manufacture

Square cable trunking Square aluminum cable trunking is a rectangular conduit made from extruded aluminum alloy, designed to

Sep 20, 2025

Types, Finishes, and Grades of Aluminum Channels

Modern extrusion equipment frequently supports the production of an extensive range of aluminum profiles, including

Jun 26, 2026

homepage - item

item - the experts in high-quality aluminium profiles, connection technology, linear guides, workplace systems, lean production,

Nov 21, 2025

Cable Ladder Trays

Their aluminum construction is lightweight and resists corrosion. Cable ladder trays install as systems, with straight sections, fittings,

Mar 03, 2026

Aluminum Framing Systems

Aluminum Framing Systems Explore the various products mk offers for their aluminum framing systems, including t-slot aluminum

Sep 14, 2025

Metal framing & support systems

ABB saves time and labor with its comprehensive lines of metal framing and cable tray, including the industry's only 100% plated

Oct 07, 2025

Affordable Wire Management, LLC – Innovative

We work with the top-ranked EPCs in North America, who rely on us for value-engineered solutions that

Sep 19, 2025

Cablofil Cable Management | Legrand

Cablofil is the global gold standard for total cable management. Explore the one-stop shop for innovative, fast, and dependable cable

Aug 28, 2025

Top Aluminium Cable Tray Manufacturers | Durable Industrial Solutions

Need lightweight, corrosion-resistant cable management? Discover leading aluminium cable tray manufacturers for

Jun 03, 2026

The use of aluminum alloys in structures: Review and outlook

However, the existing design standards for aluminum alloys are less mature than those for steel structures. This is

Oct 02, 2025

American Aluminum Railing Series

The American Aluminum Railing Series features a flat top rail for a sleek and lightweight solution that will

Oct 08, 2025

Aluminum Wire & Copper MV Cables | Classic Wire & Cable

Classic Wire & Cable is an industry-leading aluminum wire & cable supplier & manufacturer offering fast delivery, cuts, parallels, &

Dec 10, 2025

Ladder Trays | Cable Tray and Reels | Wire and Cable Management

Explore our full collection of Metallic Ladder 3D Drawings, including horizontal fittings, vertical fittings and metallic tray. A series

Sep 13, 2025

Aluminum Trays Manufacturers and Suppliers in the USA and Canada

Custom manufacturer of cable trays made from aluminum, fiberglass reinforced plastic (FRP), galvanized and stainless

Jul 07, 2026

Aluminum Cable Ladder | Lightweight Cable

An aluminum cable ladder is a ladder-type cable management system used to support and route power

Jan 25, 2026

APC NetShelter Cable Management, Aluminium Arm, 6 x 44 x 457 mm

APC NetShelter Cable Management offers an aluminium arm for efficient organization and routing of cables, ensuring neatness and

Oct 23, 2025

Aluminum Metal Cable Raceways | Surface Raceways

Our metal surface cable raceways are made from extruded 6063 aluminum alloy which is lightweight with good mechanical

Nov 23, 2025

Aluminum | Raceway and Cord Covers | Wire and Cable Management

Innovative aluminum raceway profile with increased wiring capacity. See more

Oct 23, 2025

A-Frame Rack: Cable Management & Storage

Upgrade your cable management and storage efficiency with A-Frame uprights. A-Frame uprights solutions designed

Oct 25, 2025

Aluminum Cable Tray

Aluminum Cable Tray systems are lighter than steel cable tray and Certified CSA Cable Tray, UL listed, NEMA and certified.

Contact Us

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

Website: <https://www.iiss.co.za>

Email: sales@iiss.co.za

Phone: +27 63 174 2895

Address: Unit 8, Innovation Park, 15 Rivonia Road, Sandton, Johannesburg, 2196, South Africa

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

