

Aluminum Alloy Channel Cable Tray Accessories



AI Overview

Aluminum alloy channel cable trays are lightweight, corrosion-resistant systems available in solid or ventilated designs, with various widths and fittings to suit industrial and commercial installations.

Material and Alloy Types Aluminum channel cable trays are typically fabricated from Aluminum Association Alloy 6063 for extruded components and Alloy 5052 for fabricated parts, providing a balance of high strength, corrosion resistance, and thermal performance suitable for harsh or coastal environments. These alloys are often anodized to enhance durability and prevent corrosion.

Tray Designs Aluminum channel trays are available in two main bottom types:

- Solid Bottom:** Provides full support for cables, ideal for sensitive or high-density cable runs where protection from dust or debris is required.
- Ventilated Bottom:** Features perforations or slots to allow airflow, improve heat dissipation, and facilitate cable tie installation. Ventilated trays often have burr-free oblong holes and slots for securing cables.

Standard Widths and Load Capacity Channel trays come in nominal widths of 1.5, 3, 4, and 6 inches, with a minimum loading depth of approximately 1.25 inches. Aluminum trays are lightweight, reducing structural load and easing installation, yet they can support additional concentrated loads on side rails or rungs beyond standard load classes.

Fittings and Configurations Fittings allow for directional changes, size adjustments, and bends in the tray system. Options include:

- Horizontal and vertical bends with zero or custom radii (e.g., 12 in., 24 in.)
- Tee, cross, and reducer fittings for branching or connecting trays
- Snap-in splice plates for easy assembly and field modifications

Applications and Advantages Aluminum alloy channel trays are ideal for industrial, commercial, and coastal installations due to their:

- Lightweight construction for easier handling and reduced labor costs
- Superior corrosion resistance

Article Content

6063 Aluminum Alloy Cooling Slot Lightweight Equipment Rack Signal ...

6063 Aluminum Alloy Cooling Slot Lightweight Equipment Rack Signal Cable Support Metal Channel Tray

Aluminum Cable Tray Accessories

A wide selection of accessories for Snake Tray's signature aluminum cable trays.

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Cable Trays

Cable Tray - Grade: Aluminium Alloy Get Latest Price MOQ 100 Piece/Pieces Cross Dimension 50aEUR"150 mm Material Grade IS Standard Corrosion Resistant

ALTW03ACS | Channel Cable Tray Accessories | T& B Cable Tray

Category Channel Cable Tray Accessories Material Aluminum Brand Name T& B Cable Tray Width 3 in

Cable Tray | EAE Electric | Medium & heavy duty cable

Explore EAE Electric's medium and heavy-duty cable tray systems designed for optimal cable management and durability in industrial and commercial applications.

Cable Tray Angles

Horizontal Right-Angle Connector for Cable Tray Aluminum Alloy Cable Tray Cable Ladder \$19-24 MOQ: 10 pieces Shanghai Yangxun Electrical Equipment Co., Ltd.

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Aluminum Alloy Toolless Splice Plate Smart Locker Charger Harness ...

Home Electrical Equipment & Supplies Wiring Accessories Cable Trays Dongguan Kaiyue Electronic Technology Co., Ltd. CN1 yr ≤2h Response Time ≥100% On-time delivery rate 14% Reorder rate

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CableTray Book English

ABB offers cable tray systems fabricated from corrosion-resistant steel, stainless steel and aluminum alloys along with corrosion-resistant finishes, including zinc and epoxy.

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Aluminium Cable Trays | EAE Electric

The aluminum cable tray is a lightweight, durable, and cost-effective solution used for organizing and safely carrying electrical and data cables. With easy

6063 Aluminum Alloy Twin Rib Ventilated Body Control Cabinet Signal ...

6063 Aluminum Alloy Twin Rib Ventilated Body Control Cabinet Signal Harness OEM Export Channel Type Cable Tray

653 Series Snake Tray Aluminum Cable Tray | Snake Tray

Snake Tray offers Aluminum Cable Trays to accommodate our customer's needs for larger cable trays. Aluminum Cable Trays are a light weight for easier installation

26 05 36 Cable Trays for Electrical Systems

Eaton B-Line series Engineer-approved equal METAL CABLE TRAYS Description: This product category covers metal cable trays and metal cable tray systems intended for field assembly and for

Cable Tray Accessories

Cable Tray ALTF06SFC-3 Cable Channel Fitting Cover, 6 in W Tray, Aluminum, Flang... MfrPN ALTF06SFC-3 View Details

Cable Trays

Discover flame-retardant fibreglass cable trays for efficient wire management, starting at \$1. Ideal for wholesalers and distributors seeking verified supplier deals.

Aluminum Cable Tray

Aluminum Cable Tray systems are lighter than steel cable tray and Certified CSA Cable Tray, UL listed, NEMA and certified. Because of their lighter weight aluminum cable trays are easier to install than

Aluminum Cable Tray | EAE USA

Aluminium cable trays are lighter than steel, highly resistant to corrosion, and durable in cold climates. Moreover, they reduce weight loads on offshore platforms, which in turn lowers installation costs.

Aluminum channel cable tray

Discover high-quality aluminum channel cable tray designed for efficient cable management, offering durability and easy installation. Ideal for enhancing organizational systems in

belgian-aluminum-alloy-cable-tray-prices Wholesaler

All suppliers for belgian-aluminum-alloy-cable-tray-prices Wholesaler Find wholesalers and contact them directly B2B marketplace Find companies now!

Outdoor Aluminum Alloy Cable Tray with All The Accessories Strut

The anti-elasticity of aluminum alloy cable is 40% lower than that of copper cable, which is more conducive to the tightness of the terminal connection, easy to press, and improve the stability of the

Cable Tray Elbow China Trade,Buy China Direct From Cable Tray

Elbow Connector Cable Tray - Elbow design for easy connection and installation
Galvanized Cable Tray Aluminum alloy cable tray \$19 - 24 MOQ: 10 pieces 7 yrs CN Supplier

Furniture and Architectural Fittings, Lighting Solutions,

A global market leader: Häfele develops hardware and lighting solutions for kitchen, home and living, office and hospitality. Häfele is a valuable partner for

Cable Trays Market Size, Share, Growth, Analysis, 2034

Cable Trays Market Size, Share & Trends Analysis Report By Product Architecture (Ladder Cable Trays, Wire Mesh (Basket) Trays, Solid Bottom/Trough Trays), By Material (Steel (Hot-Dip/Pre

Dingtao Aluminum Profile Cable Tray Prices Wholesale Suppliers ...

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ALTW06CTC | Channel Cable Tray Accessories | T& B Cable Tray

Catalog No. : ALTW06CTC Description: AL 6INW TRAY TO CHNL CLAMP UPC:
786209804792 Made or assembled in Canada.

Contact Us

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