

Aluminum Alloy Trapezoidal Cable Tray Models



AI Overview

Aluminum alloy trapezoidal cable trays are lightweight, corrosion-resistant systems designed for industrial and commercial cable management, available in multiple series, widths, rung spacings, and load capacities. Material and Construction Aluminum cable trays are typically made from 6063-T6 aluminum alloy for side rails and rungs, with 5052 aluminum alloy used for fabricated parts, providing high strength-to-weight ratio, corrosion resistance, and durability in harsh environments. The trays feature I-beam or H-beam side rails and welded transverse rungs, ensuring structural integrity and the ability to support concentrated loads of up to 200 lb per rung. Aluminum trays are lighter than steel, facilitating easier installation and reducing labor costs. Tray Models and Series Common models include T&B AH1-8 series and Eaton B-Line Series 1-5: T&B AH1-8 Series: Long-span trays in 40 ft (12.2 m) straight sections, widths from 12" to 36", ladder-style rungs with 6", 9", or 12" spacing, and H-beam side rails 8" high. Designed for industrial applications like oil and gas, mining, and commercial infrastructure. Eaton B-Line Series 2-5: I-beam side rails with 6063-T6 aluminum, rungs supporting 200 lb concentrated loads, Wedge-Lock splice system, and widths from 6" to 36". Standard rung spacing is 6", 9", or 12", with radiused fittings from 12" to 48". EAE Electric Aluminum Ladders and Trays: Lightweight, corrosion-resistant, suitable for indoor and outdoor use, with high thermal conductivity to prevent cable overheating. Dimensions and Load Specifications Widths: 6", 9", 12", 18", 24", 30", 36" Rung Spacing: 6", 9", 12" Side Rail Height: 8" (T&B AH1-8) Support Span: Up to 40 ft for long-span trays, reducing the number of supports required Load Capacity: Varies by series and span; for example, AH1-8 series supports up to 528 lb/ft for shorter spans, decreasing with longer span...

Article Content

Aluminium alloy trapezoidal cable tray, 2 pieces * 1 m long ...

Material: Aluminium Alloy Structure: Consists of a base plate (PVC) and a cover plate (aluminium alloy) [with self-adhesive backing] Application: For cable management and organisation Specifications:

Large-Span Trapezoidal Cable Tray Tray Aluminum Alloy FRP

Our extensive portfolio features aluminum foil, electrical cables, cable trays, copper tubes, boiler tubes, casing pipes, honed tubes, steel wires, PPGI/gi coils, galvanized pipes, and robust steel structures.

High-Strength Steel Trapezoidal Cable Tray Lightweight 100-900mm

Application Network, Industrial, Construction, Managing Cables, Cable Support, Cable Laying, Cable Wiring Place of Origin Shandong, China Model Number Customized Brand Name SDXL Product

Shandong Manufacturer''s Large-Span Bridge Frame Aluminum Alloy

We are a professional manufacturing and trading company of cable and cable support system. We currently sell domestically and export worldwide to places such as South East Asia, Africa, North

Direct alloys Potsdam and Brandenburg

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Trapezoidal cable tray_Sumyung Precision (taicang) Co., Ltd

Hot Product LB series assembled trapezoidal bridge frame LA series trapezoidal bridge tray ladder bridge tray

Aluminium alloy trapezoidal cable tray, 2 pieces * 1 m long ...

Aluminium alloy trapezoidal cable tray, 2 pieces * 1 m long, anti-crush cable tray, Concealer for Ceiling, Corner, Floor, Installation (Mist White,20mm) Found a lower price? Let us know. Although we can''t

Aluminium alloy trapezoidal cable tray, 2 pieces * 1 m long ...

□Aluminium alloy construction□□The cable duct is made from aluminium alloy, offering excellent waterproof and moisture-resistant properties, making it suitable for a variety of environments such as

Zinc-Aluminum-Magnesium Trapezoidal Cable Tray: Affordable

Zinc-Aluminum-Magnesium Trapezoidal Cable Tray: Affordable Wholesale Aluminum Alloy Cable Trunking

Aluminium alloy trapezoidal cable tray, 2 pieces * 1 m long, anti-crush ...

Aluminium alloy trapezoidal cable tray, 2 pieces * 1 m long, anti-crush cable tray, suitable for routing on floors and walls (Matte champagne,14.8x9.25x15mm)

Factory Custom Aluminium Trapezoidal Cable Trays Power

There are galvanized, hot-dipped zinc, steel, stainless steel, aluminum, glass fiber reinforced plastic and other materials for customers to choose from, but also according to customer requirements to

Aluminium Alloy trapezoidal Cable Tray, 2 Pieces * 1 m Long

Aluminium Alloy trapezoidal Cable Tray, 2 Pieces * 1 m Long, Anti-Crush Cable Tray, Concealer for Ceiling, Corner, Floor, Installation (Dreamy Gold,15mm)

Aluminium Cable Trays | EAE Electric

Aluminum cable ladders and trays prevent cable overheating thanks to their high thermal conductivity, enhancing safety and offering an eco-friendly cable

Cable tray

ABB designs and manufactures cable tray systems, including perforated tray, cable ladder, channel tray and strut (metal framing), directly from production facilities in Canada and Saudi Arabia.

Factory Direct Sale Frp Cable Tray Trough-Type Ladder-Type Cable

Factory Direct Sale Frp Cable Tray Trough-Type Ladder-Type Cable Trench Slot Box Safety Insulation Support Customization Cutting

Fireproof Trapezoidal/Aluminium Alloy Cable Trays

Fireproof Trapezoidal/Aluminium Alloy Cable Trays, Find Details and Price about Steel Sheet Aluminium Alloy from Fireproof Trapezoidal/Aluminium Alloy Cable

Trapezoidal aluminum alloy cable tray

Welcome to Wedoany to learn about the Trapezoidal aluminum alloy cable tray prices, manufacturers, specifications, models, and more released by Yangzhong Zhongzhou Aluminium industry Co., Ltd..

Aluminum Cable Tray | EAE USA

The Aluminum Cable Ladder has a high loading capacity to manage dense cable transitions. Designed with a lightweight structural design, easy installation, and long-lasting corrosion resistance, the

Industrial Aluminum Alloy Trapezoidal Ventilated/Perforated Cable ...

Max. Working Load Different sizes Type Ventilated Or Perforated Trough Place of Origin Guangdong, China Model Number Aluminum alloy trapezoidal cable tray Brand Name TIANLAI Cable Capacity 16

Galvanized Large Span Trapezoidal Cable Trays Support

Galvanized Large Span Trapezoidal Cable Trays Support, Find Details and Price about Cable Tray Perforated Cable Tray from Galvanized Large Span

Cable tray | Cable ladder | Basket cable tray | Strut

The company's main products include wire mesh cable trays, trough cable trays, trapezoidal cable trays, cable trays, large-span cable trays, composite cable

Corrosion Resistant Frp Cable Tray Insulated Fiberglass Cable Tray

9. Vertical support column: A vertical supporting structure used to lift or fix the cable tray. 10. Trapezoidal rotating elbow: A flexible elbow component for trapezoidal trays, capable of achieving adjustable

Contact Us

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