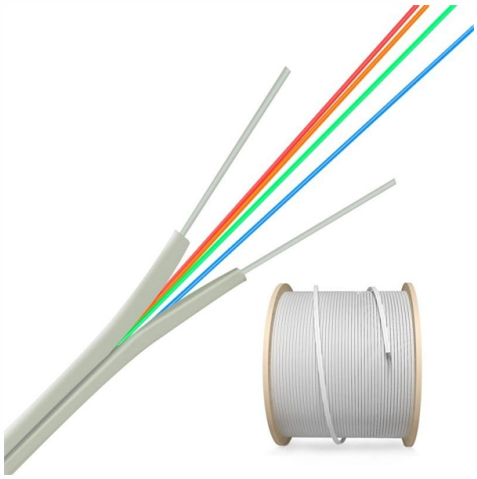
Zinc-aluminum-magnesium cable tray models



Overview

Zinc-Aluminum-Magnesium (ZAM) Cable Tray A corrosion-resistant cable support system manufactured from steel substrate with advanced Zn-Al-Mg alloy coating.

Key Takeaways

Zn-Al-Mg cable trays are advanced, corrosion-resistant systems available in ladder, tray, channel, perforated, and solid-bottom models, suitable for harsh outdoor and industrial environments. Types of Zn-Al-Mg Cable TraysLadder-Type Cable TraysDesigned for heavy-duty cable support with high loading capacity. Open structure allows excellent ventilation and heat dissipation.

Ideal for industrial, commercial, and photovoltaic (PV) applications.

Tray-

Type (Solid or Enclosed) Cable TraysSolid-bottom or enclosed designs provide maximum protection against dust, moisture, oil, and mechanical damage. Enclosed trays also shield against electromagnetic interference (EMI), making them suitable for low-voltage signal cables. Commonly used in coastal, humid, or high-salt-fog environments, as well as food processing plants and outdoor walkways.

Channel-

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Type Cable Trays

Compact and versatile, suitable for smaller cable runs or constrained spaces. Can be combined with accessories for bends, tees, and transitions.

Perforated Cable Trays

Feature slots or holes for improved ventilation and easier cable tie placement. Reduce weight while maintaining strength and corrosion resistance.

Key Features

Exceptional Corrosion Resistance: Zn-Al-Mg alloy coating provides 3–5 times the corrosion resistance of hot-dip galvanizing and over 10 times that of electro-galvanizing, with excellent salt spray resistance. Durability and Scratch Resistance: Alloy forms a passivation layer upon scratching, preventing corrosion spread. Customizable Sizes and Colors: Many models allow custom widths, heights, and finishes to meet project-specific requirements.

Cost-

Effective: Typically about half the price of 304 stainless steel while offering comparable longevity in harsh environments. High Strength and Load Capacity: Suitable for industrial and commercial installations, including solar panel wiring systems.

Applications

Industrial plants, commercial complexes, and data centers. Outdoor and coastal installations exposed to high humidity or salt fog. Photovoltaic (PV) solar installations requiring durable, long-lasting cable management.

Environments with moderate corrosion and aesthetic requirements, such as food processing or semi-visible walkways.

Accessories and Customization

Covers, radius fittings, tees, and bends for flexible routing. Optional organic coatings for enhanced protection.

Pre-stamped D

C warnings for solar installations to improve safety. Zn-Al-Mg cable trays combine long-term reliability, corrosion resistance, and installation efficiency, making them a versatile choice for modern electrical and solar infrastructure projects.

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Article Content

Zinc-Aluminum-Magnesium (ZAM) Cable Tray

A corrosion-resistant cable support system manufactured from steel substrate with advanced Zn-Al-Mg alloy coating. Standard configurations include ladder-type, tray-type, and

ZM FINISH ADDED TO CABLE TRAY RANGE – Unitrunk

ZM FINISH ADDED TO CABLE TRAY RANGE Our market-leading cable tray system is now available in ZM (Zinc Magnesium), as well as existing finishes (pre-galvanized, hot-dip galvanized, powder

Zinc-Aluminum-Magnesium Cable Trays

These cable trays are designed to support, organize, and protect electrical cables while ensuring efficient heat dissipation and long-term system reliability. They are widely used in industrial,

Zinc-Aluminum-Magnesium Cable Tray-Product-Guangdong Tianlai

Zinc-Aluminum-Magnesium Trough-Type (Enclosed) Cable Tray High Protection Rating: Completely isolates dust, moisture, oil contamination, and external mechanical damage, providing the most

NOW AVAILABLE IN ZM

GA cable tray offers a high level of resistance in a corrosive environment. These products are manufactured from mild steel, then transported to a galvanising plant for a multistage process, which

best Zinc Aluminum Magnesium Cable Tray-Guangdong Tianlai Steel

Compared with conventional galvanized cable trays, Zinc Aluminum Magnesium (ZAM) coated cable trays provide significantly improved protection against harsh environmental conditions

What is Zinc-Aluminum-Magnesium Cable Tray?

This article will explore the definition, key features, production process, and applications of Zinc-Aluminum-Magnesium Cable Tray, along with a comparison to traditional cable tray solutions.

Zinc-magnesium-aluminum Cable Tray

Zinc-magnesium-aluminum Cable Tray Shandong Bolt Electrical Equipment Co., Ltd. will give you a detailed introduction to the content of Zinc-magnesium-aluminum Cable Tray, including the purpose,

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Aluminum Magnesium Zinc Cable Tray

Aluminum Magnesium Zinc Cable Tray Shandong Bolt Electrical Equipment Co., Ltd. will give you a detailed introduction to the content of Aluminum Magnesium Zinc Cable Tray, including the purpose,

Zinc magnesium (ZM)

SWIFTS CABLE TRAY ZINC MAGNESIUM (ZM) As well as being available in traditional pre-galvanised (PG), hot dip galvanised (G) and stainless steel (S) finishes, Swifts cable tray is now available in a

Zinc-Aluminum-Magnesium Separated Cable Tray

Zinc-Aluminum-Magnesium Features: 1. Exceptional corrosion resistance: 3-5 times that of hot-dip galvanizing and over 10 times that of electrogalvanizing, with outstanding salt spray resistance (ideal

Zinc Aluminium Magnesium Cable Trunking

Zinc Aluminium Magnesium Cable Trunking Powder coating wire mesh cable tray dimensions are all inner size. It is constructed with a 100*50, 50mm x 50mm mesh grid. When installed, it should be

Light Duty Cable Tray Zinc Magnesium

Light Duty Tray 10 mm Straight Edge 50, 75, 100, 150, 225, 300, 450 x 10 mm – 3m Lengths 10mm Straight Edge. All Light Duty cable tray supplied as 3 metre lengths up to 450mm wide. Available in 3

NOW AVAILABLE IN ZM

ZM (Zinc Magnesium) is a pre-coated steel product which uses a metallic composition of zinc, with aluminium, and magnesium. This coating enables high corrosion resistance which is comparable to

Premium Export Grade Zinc-Aluminum-Magnesium Perforated

Premium Export Grade Zinc-Aluminum-Magnesium Perforated Industrial Construction Cable Tray for Cable Laying and Management No reviews yet Complies with EU standards Shandong Zhongjia

Zinc Aluminum Magnesium Cable Tray Galvanized Steel 0.7mm

1. Zinc aluminum magnesium coating can provide very strong corrosion protection, especially in harsh environments such as high humidity, salt spray, and chemical gases. Compared with traditional

GUIDE CABLE TRAYS TECHNICAL

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In accordance with its continuous impro-vement policy, Legrand reserves the right to change the specifications and illus-trations without notice. All illustrations, descriptions and technical information

Medium Duty Cable Tray Zinc Magnesium

Medium Duty Tray 25 mm Deep Returned Flange 50, 75, 100, 150, 225, 300, 450, 600 x 25 mm – 3m Lengths 25mm Return Flange. All Medium Duty cable tray supplied as 3 metre lengths up to 600mm

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This document is for preliminary research. Verify specifications against current standards, product documentation and project requirements.

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