

UAE Yuanda Galvanized Cable Tray Specifications



Overview

SECTION 4 CABLE TRAY SYSTEMS Unitrunk Cable Tray is produced in pre-galvanized mild steel to BS EN 10346:2009 or galvanized in accordance with BS EN ISO146.

Key Takeaways

Yuanda galvanized cable trays in the UAE typically conform to international standards such as BS 61537: 2007, BS EN 10346: 2009, and ASTM A123/A653, offering durable, corrosion-resistant solutions for industrial and commercial cable management.

Material and Finish

Yuanda galvanized cable trays are generally manufactured from pre-galvanized mild steel or hot-dip galvanized steel, providing excellent corrosion resistance suitable for the UAE's harsh climate. The galvanization process ensures long-term durability and protection against rust, with coatings conforming to BS EN ISO 1461 or ASTM A123 standards. Some trays may also be available in GI (galvanized iron) or stainless steel for specialized applications.

Types and Configurations

Common types of galvanized cable trays include: Ladder Cable Trays: Ideal for heavy-duty industrial installations, allowing ventilation and easy cable access. Perforated Cable Trays: Suitable for medium loads, providing flexibility and drainage for cables. Solid Bottom or Trough Trays: Used where full cable protection is required.



Trunking and Mesh Trays: For flexible routing and smaller installations. Accessories such as bends, tees, reducers, couplers, and supports are available to create a complete cable management system.

Dimensions and Load Ratings

Yuanda galvanized trays are produced in various widths (50–900 mm) and lengths (typically 2–3 meters per section), with light, medium, and heavy-duty load ratings. Tray thickness and gauge can be customized based on project requirements, ensuring compliance with structural and load-bearing standards.

Standards and Compliance

Yuanda cable trays in the UAE are designed to meet or exceed the following standards: BS 61537: 2007 – Cable tray systems and cable ladder systems for electrical installations.

BS E

N 10346: 2009 – Pre-galvanized steel for corrosion protection.

AST

M A123 / A653 – Hot-dip galvanized coatings and steel sheet specifications.

NEMA V

E 1 & VE 2 – Metallic cable tray systems and installation guidelines.

IS

O 9001: 2008 – Quality management and inspection processes.

Installation and Maintenance

Yuanda galvanized cable trays are designed for easy installation, with options for inward-formed ends to reduce the need for couplers on smaller trays, while larger trays require standard couplers. Proper installation ensures load distribution, cable protection, and compliance with electrical codes. Regular inspection and maintenance are recommended to ensure long-term performance, especially in outdoor or corrosive environments.

Summary

Yuanda galvanized cable trays in the UAE provide robust, corrosion-resistant, and versatile cable management solutions suitable for industrial, commercial, and infrastructure projects. They are available in multiple types, sizes, and load ratings, manufactured according to international standards, and supported by a full range of accessories for complete system integration.

Article Content

SECTION 4 CABLE TRAY SYSTEMS

Unitrunk Cable Tray is produced in pre-galvanized mild steel to BS EN 10346:2009 or galvanized in accordance with BS EN ISO1461. All our trays conform to BS 61537:2007.

Cable Tray Manufacturers in Dubai, Abu Dhabi,

Unigroup Cable Trays, Channels and Trunking Solutions are proudly manufactured in the UAE to the highest international standards. Designed as complete cable

Cable Trays UAE – Cable Tray Trading and Cable Tray Product

Emerald Steel Industries LLC in Ajman UAE is the suppliers of Cable Tray products in UAE and has wide variants of cable tray products manufactured out of top quality raw materials. The different types

Cable Tray Manufacturer UAE | Steel & Galvanized Cable Trays Supplier

High-quality cable trays in UAE including steel, pre-galvanized, and HDG options. Reliable manufacturer and supplier for industrial and construction projects with durable cable management solutions.

Cable Tray Supplier & Manufacturer in UAE | Bonn Group

Bonn Group is a leading cable tray manufacturer & supplier in UAE. Offering durable GI cable trays, cable tray sizes & types, cable management systems, 90° bends,

CABLE TRAY

We manufacture a wide range of products capable of providing the characteristics which respond to the proposed application, along with quality of assembly, speed of installation, and cost-saving cable trays.

Delta Cable Trays – Powering the Future with Reliable

Founded in 1998, Delta pioneered cable support systems in the UAE, introducing high-performance cable trays, ladders, and conduits designed for quick

Cable Tray Manufacturer & Supplier in Dubai, UAE | Metar

Our production includes perforated cable trays, ladder type cable trays, and heavy-duty systems manufactured in mild steel, pre-galvanized steel, hot dip galvanized (HDG), and powder coated finishes.

Cable Trays

Using colored cable trays help to differentiate between various electrical circuits in the same installation resulting in time saving. Scratch resistant, pre-treated prior to electrostatic powder coating. Minimum

Cable Tray Management | DANA GROUP

DANA Trunkings are manufactured from Pre-galvanized sheet steel to BS EN 10327: 2004, (which supersedes BS EN 10142: 2000), and cable Trunking steel

Cable Ladder Manufacturer UAE | HDG & Steel Cable Ladder Supplier

High-strength cable ladders in UAE including HDG, pre-galvanized, and steel options. Reliable manufacturer and supplier for industrial cable support systems, ensuring durability and load capacity.

Cable tray supplier manufacturing and supply Dubai, UAE.

Largest suppliers of Cable tray in Ajman,Sharjah,Dubai,UAE. We supply Pre-Galvanized,Hot dip Galvanized,Powder Coated cable trays etc.

DANA STEEL PROCESSING INDUSTRY LLC (UAE/INDIA) :

We are leading manufacturers/factory of cable trays,ladders,trunkings,accessories in the middle east.With head office in Dubai & manufacturing facilities in Dubai & umm-al-quwain.We are supplying

Galvanized Cable Tray 100mm x 50mm

Galvanized cable tray with a size of 100mm x 50mm stands as a fundamental solution for efficient cable management in contemporary industrial and

GUIDE CABLE TRAYS TECHNICAL

In accordance with its continuous improvement policy, Legrand reserves the right to change the specifications and illustrations without notice. All illustrations, descriptions and technical information

Hot Dipped Galvanized Cable Tray Systems | Corrosion

Hot Dip Galvanized Cable Tray and Ladder Suppliers in Dubai & UAE BonnGulf is a trusted manufacturer and supplier of hot dip galvanized cable tray and cable

Galvanized Steel Channel UAE | C Channel Galvanized Steel Supplier ...

Discover high-strength galvanized steel channels from a trusted UAE supplier. Custom sizes and delivery are available for cable trays and support systems across the UAE & Middle East.

Cable Trunking

CABLE TRUNKING MANUFACTURER in UAE. DANA STEEL is a leading manufacturer/Supplier & Exporter of cable trunking uae.Part of it's cable management system we are manufacturing cable

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