

Introduction to the characteristics of Armenian cable trays



Overview

Armenian Professional Fireproof Cable Trays Our Cable Trays in Armenia are designed for quick and easy installation, saving you time and labor costs. They.

Key Takeaways

Armenian cable trays are structured systems used to support, protect, and organize electrical cables in residential, commercial, and industrial installations, manufactured and supplied locally in Armenia.Overview

Cable trays in Armenia are essential components for electrical installations, providing safety, accessibility, and organization for wiring systems. They protect cables from mechanical damage, facilitate maintenance, and improve the aesthetics of electrical setups . These trays are widely used in industrial sites, administrative buildings, municipal facilities, and residential areas, supporting low-voltage cables up to 1000 volts .

Types of Cable Trays

Armenian manufacturers offer a variety of cable tray types to suit different applications:

- Perforated Cable Trays: Feature small holes along their length for ventilation and heat dissipation, ideal for high-voltage or heat-sensitive cables .



- Solid Non-Perforated Trays: Fully enclosed to protect cables from external influences such as dust, moisture, or mechanical impact .
- Ladder Trays: Consist of side rails connected by crossbars, providing strong support and easy access for large or heavy cables .
- Wire Mesh Trays: Made from thick steel wire, suitable for lightweight cables and offering maximum ventilation .
- PVC and Stainless Steel Trays: Available for specialized environments requiring corrosion resistance or chemical protection .

Materials and Finishes

Cable trays in Armenia are manufactured using galvanized steel, mild steel, aluminum, stainless steel (SS304, SS316), and PVC, often with anti-corrosion treatments like hot-dip galvanization or powder coating . These materials ensure durability, strength, and resistance to adverse climatic conditions, making them suitable for both indoor and outdoor installations .

Applications

Armenian cable trays are used for:

- Electrical power distribution in commercial and industrial buildings
- Communication and data cabling
- Automotive and construction industries
- Residential wiring systems for low-voltage applications

Local Manufacturers and Suppliers

Several companies in Armenia specialize in cable trays:

- Brilltech Engineers Pvt. Ltd.: Offers customized solutions including ladder, perforated, PVC, and stainless steel trays, focusing on quality and client satisfaction .
- PitON: Provides a wide range of cable trays and accessories, emphasizing durability, safety, and compliance with international standards .
- Cable House: Supplies cable trays with long operating life and reliability, catering to various industrial requirements .

Standards and Compliance

Armenian cable trays are designed to meet international quality standards, ensuring safety, fire resistance, and structural integrity. They are compatible with EN 61537 and IEC 61537 standards for cable tray systems, and some products comply with fire behavior and resistance regulations .

Summary

Armenian cable trays are versatile, durable, and essential for organized electrical installations. They come in multiple types and materials, are manufactured to international standards, and are widely used across industrial, commercial, and residential sectors. Local suppliers provide customization, ensuring that cable trays meet specific project requirements while maintaining safety and efficiency .

Article Content

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