Mianning Fireproof Cable Tray Manufacturer



Overview

When using fire-resistant cable trays in data centers, it is necessary to consider both fire-resistant performance and heat dissipation design.

Key Takeaways

Leading manufacturers of fireproof cable trays include Meka Pro, HERMI Solutions, Flamro, NewReach, and Basor Electric, offering certified, high-quality fire-resistant systems for industrial and commercial applications.

Key Manufacturers and Their Offerings

Meka Pro provides over 1,200 fire-tested cable management products designed to maintain electrical supply during fire events. Their systems comply with EN 1363-1 standards and are made from fire-resistant materials that minimize toxic fumes. Meka Pro emphasizes proper installation by qualified personnel to ensure safety and compliance with international norms.

HERM

I Solutions specializes in E90 fire-resistant cable trays for constructing fire-resistant cable paths. They offer both standard and lightweight cable paths suitable for surface cable laying, with expert guidance available for selecting the right solution. Flamro offers fire protection coatings and tapes, such as FLAMMOTECT-A and DG-CR 0.

7, which enhance cable resistance to fire and environmental factors like UV, moisture, and chemicals. Their solutions are widely used in high-rise buildings, hospitals, airports, industrial plants, and nuclear facilities.

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New

Reach manufactures fire-rated cable trays using premium materials like stainless steel, galvanized steel, tempered glass, and fire-resistant polyester fiberglass. Their trays are coated with specialized fire-resistant powder, tested to ISO 834-1, EN 1363-1, DIN 4102-12, and AS/NZS 3013: 2005 standards, offering up to a 2-hour fire rating at 1050°C. They are designed for heavy loads, clear rescue routes, and non-toxic performance.

Basor Electric focuses on maintaining circuit integrity during fire events. Their cable trays undergo rigorous fire resistance testing to ensure critical installations, such as emergency lighting and fire alarms, remain functional. They follow European and international standards to verify performance under extreme fire conditions.

Considerations for Selection

Fire Rating and Standards Compliance: Ensure the trays meet relevant international standards (EN, ISO, DIN, AS/NZS) for fire resistance. Material and Coating: Stainless steel, galvanized steel, and fire-resistant fiberglass are common for durability and non-toxic performance. Load Capacity and Installation: Check the tray's load rating, span, and compatibility with standard hangers or supports.

Application Environment: Consider indoor vs. outdoor use, exposure to chemicals, moisture, or UV radiation. Maintenance of Critical Systems: Choose trays that ensure continued operation of essential electrical systems during fire emergencies. These manufacturers provide reliable solutions for industrial, commercial, and critical infrastructure projects, ensuring safety, compliance, and operational continuity in fire-prone environments.

Article Content

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2026 Top 10 Fireproof Cable Tray Manufacturers in China

When using fire-resistant cable trays in data centers, it is necessary to consider both fire-resistant performance and heat dissipation design. It is recommended to choose products with a reasonable

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