

Article Overview

ASEAN fireproof cable trays include fiberglass-reinforced ORITRAY systems, epoxy-based Daken fire-resistant trays, and heavy-duty metal trays with fireproof coatings, offering high load capacity, chemical resistance, and compliance with international safety standards.

ORITRAY Fiberglass Cable Trays (Indonesia)

- o Material: Fiber Reinforced Plastic (FRP) composite, providing high strength, corrosion resistance, thermal insulation, and fire retardance .
- o Types: Ladder type (two longitudinal side rails with transverse members) and channel type (pultruded solid-bottom channel with integral side rails).
- o Specifications: Designed for chemical resistance, UV protection, and flame retardance; not intended for personnel support.
- o Applications: Electrical and corrosion-prone environments, suitable for industrial and chemical plants.
- o Manufacturer: PT Ori Polytex Composites, market leader in FRP cable trays in Indonesia .

Daken Fire-Resistant Cable Trays (ASEAN/Regional)

- o Material: Epoxy-based intumescent fire protection system with internal metal reinforcement plates and ventilation grilles .
- o Fireproofing: Forms a dense insulating char under high temperatures, reducing heat transfer and protecting cables from fire damage.
- o Structural Features: High-strength materials enhance load-bearing capacity and long-span stability; internal metal plates prevent deformation.
- o Applications: High-risk environments such as nuclear power facilities, industrial plants, and critical infrastructure.
- o Validation: Tested under extreme temperature-rise fire scenarios to ensure operational safety .

EAE and Legrand Heavy-Duty Cable Trays

- o Material: Hot-dip galvanized steel, stainless steel, or epoxy-coated steel .
- o Types: Ladder, ventilated, and channel trays; standard lengths 3m (optionally 6m).
- o Load Capacity: Designed for medium to heavy-duty applications, supporting power and communication cables.
- o Fireproofing: Coatings and material selection provide enhanced fire resistance, with compliance to UL, NEMA, and IEC standards.
- o Accessories: Suspension systems, shaft hangers, and fittings for reinforced concrete or steel structures .



ASEAN Fireproof Cable Tray Series

Key Considerations for ASEAN Projects

- o Material Selection: FRP trays (like ORITRAY) offer corrosion and chemical resistance, while metal trays provide higher mechanical strength.
- o Fireproofing: Epoxy-based intumescent systems (Daken) are ideal for critical fire-risk areas.
- o Standards Compliance: Ensure trays meet UL, NFPA, NEMA, or local ASEAN electrical codes.
- o Installation: Consider tray type, load requirements, and environmental exposure; ladder trays allow better ventilation, while channel trays provide enclosed protection. These fireproof cable tray systems in ASEAN provide a range of solutions for industrial, commercial, and high-risk environments, balancing fire safety, structural integrity, and chemical resistance.

All suppliers for asean-fireproof-stainless-steel-cable-tray-manufacturer Service provider Find wholesalers and contact them directly

Cablofil fire resistant and fire proof cable trays are increasingly specified in the construction, power, oil, gas, petrochem, rail and

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Top-quality fire resistant cable tray with N1 fire rating, 5-12 mm fireproof core, superior heat insulation,

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Our fire protection solutions for cables are suitable for both indoor and outdoor use. They are used in

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ABB designs and manufactures cable tray systems, including perforated tray, cable ladder, channel tray and strut (metal framing).

Maintenance Electrical Cable Tray Fire Protection One of the most significant fire protection

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Cable trays without proper insulation are susceptible to thermal deformation, embrittlement of materials, and in severe

Need a Fire-Rated Cable Tray Supplier? Find solutions for safe, compliant cable systems that protect during a fire.

Cable ladder is a more reliable, less expensive solution for supporting cable, which is easier to maintain, proves more adaptable to

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