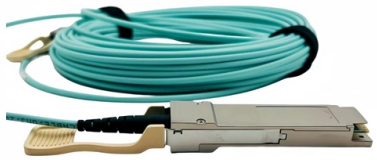
Sri Lanka Cable Tray Specifications and Dimensions Diagram



Overview

Cable Trays | Best Prices & Suppliers in Sri Lanka – Eastlink.lkBrowse Eastlink's full range of cable trays – engineered for safe, efficient, and organized.

Key Takeaways

Cable trays in Sri Lanka are available in ladder, perforated, solid, and trunking types, with materials including mild steel, galvanized steel, aluminum, and stainless steel, and dimensions tailored to load and installation requirements.Types of Cable Trays
• Ladder Type: Consists of two longitudinal side rails connected by transverse rungs, ideal for heavy-duty power cables and long spans. Provides excellent ventilation and easy cable access .

• Perforated/Solid Tray: Offers protection for sensitive cables, with perforated trays allowing airflow to prevent overheating .

• Trunking Systems: Modular systems like TrayMax™ TM-TRYS provide enclosed pathways for power, control, and data cables, suitable for industrial and commercial installations .
Materials
• Mild Steel: Standard for indoor installations, can be powder-coated for corrosion resistance .

• Galvanized Steel / Hot-Dip Galvanized: Provides enhanced corrosion resistance for outdoor or industrial environments .

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• Aluminum / Aluzinc / Stainless Steel: Lightweight, corrosion-resistant options for specialized applications .

Dimensions and Thickness

• Tray Widths: Common widths range from 50 mm to 600 mm, depending on cable volume and application .

• Tray Depths: Typically 50 mm to 150 mm for ladder and perforated trays .

• Sheet Thickness: Varies from 0.8 mm to 3.0 mm based on load requirements and span .

• Example: Sys Rack Straight Length Cable Tray – 100 mm x 50 mm, 1.5 mm thick, with a matching lid and bolted joints for secure installation .

Accessories

• Bends, Tees, Reducers, Couplers: Allow flexible routing and connection of trays .

• Supports and Safety Fittings: Ensure structural stability and compliance with safety standards .

Installation Considerations

• Modular design allows for easy expansion and reconfiguration.

• Ventilated trays help heat dissipation for high-current cables.

• Powder-coated or galvanized finishes enhance durability and corrosion resistance .

• Ladder trays are preferred for heavy-duty industrial applications, while trunking systems are ideal for organized routing in commercial buildings and data centers .

Diagrammatic Representation

While specific diagrams vary by manufacturer, a typical ladder tray layout includes:

• Side Rails: Vertical supports along the tray length.

• Rungs / Cross Members: Horizontal bars connecting side rails at regular intervals.

• Supports / Hangers: Mounted to walls, ceilings, or floors to maintain alignment.

• Cable Placement: Cables are laid along rungs, secured with ties or clamps. For detailed diagrams and exact dimensions, suppliers like C & D International, Eastlink, Cubicoan, and ONET Engineering provide product datasheets and CAD drawings for each tray type . This information ensures that engineers and installers in Sri Lanka can select the appropriate cable tray system based on load, environment, and cable type, while maintaining safety, durability, and compliance with local standards.

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Cable Management | Vertical Cable Manager | horizontal Cable Manager

PRODUCT SUMMARY: Sys Rack Premium Cable Manager, manufactured and sold in Sri Lanka by Cubicoan Pvt Ltd, is also known

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Full cable tray systems specification document

B. Cable tray systems are defined to include, but are not limited to straight sections of [ladder type] [trough type] [solid bottom type]

Galvanized Cable Tray in Sri Lanka

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Super Cable Tray Pvt. Ltd. delivers engineered accessories for ladder cable trays in Sri Lanka that reinforce stability in heavy-duty

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Slotted Cable Trays | Magline Switchboards Pvt Ltd

More information on Magline Switchboards Pvt Ltd Slotted Cable Trays. Magline Switchboards Pvt Ltd is the leading manufacturer or

Contents sre cable tray

The document describes the various types, components, and specifications of cable tray systems manufactured by SR Electrical Co.

Cable Tray In Sri Lanka

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Being one of the leading Cable Tray Manufacturers in Sri Lanka, we work for customer satisfaction and design and deliver the

catalogue print file

Introduction Perforated Cable Trays are used for cable installations including electrical, ELV (telecommunication & data), BMS, fire

Perforated Cable Tray Specifications | PDF

The document details the specifications and manufacturing quality plan for perforated cable trays and covers ordered by K Kumar

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Complete cable tray manual for electrical engineers and designers

The final drawings for a cable tray wiring system may be completed and sent out for bid or construction more quickly

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PVC Cable Tray In Sri Lanka

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