

Sri Lanka Standard Cable Tray Specifications



Overview

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

Key Takeaways

Cable trays in Sri Lanka are available in various materials, finishes, and configurations, designed to meet industrial, commercial, and architectural requirements while complying with international standards. Materials and Finishes

Cable trays are manufactured from a range of materials to suit different environments and load requirements:

- Mild Steel: Often zinc-coated or hot-dip galvanized for corrosion resistance .
- Stainless Steel: Provides high durability and resistance to harsh environments .
- Aluminum and Aluzinc: Lightweight, corrosion-resistant options suitable for indoor and outdoor use .
- Powder-Coated Steel: Offers aesthetic appeal and additional corrosion protection, ideal for indoor installations .

Types of Cable Trays

- Ladder Type: Consists of two side rails connected by rungs, providing maximum ventilation for heat-producing cables such as power cables .

- Solid Bottom: Constructed from a single sheet of metal, offering excellent protection for control, communication, and non-heat-producing cables .
- Perforated or Ventilated Trays: Allow air circulation to dissipate heat while protecting cables from physical damage .
- Modular Systems: Such as TrayMax™ TM-TRYS, designed for flexible routing, easy expansion, and robust load-bearing capacity .

Dimensions and Load Capacity

- Tray widths and heights vary depending on cable volume and load requirements, with common straight lengths ranging from 100mm x 50mm to larger industrial sizes .
- Sheet thickness typically ranges from 0.8 mm to 3.0 mm, selected based on span, load, and application .
- Accessories include bends, tees, reducers, supports, couplers, and lids for secure installation and long-term reliability .

Standards and Compliance

- Many Sri Lankan cable trays comply with EN 61537 for cable tray systems and EN ISO 1461 for hot-dip galvanization, ensuring durability and corrosion resistance .
- Local brands like GERSAN and CEYLEKTRA provide hot-dip galvanized and powder-coated trays that meet international standards for industrial and commercial applications .

Applications

- Suitable for industrial plants, commercial buildings, data centers, power stations, and utility infrastructure .
- Provide organized, safe, and efficient cable management, protecting cables from physical damage, fire, and environmental exposure .
- Customizable in various RAL colors for aesthetic integration in architectural projects .

Key Features

- Easy access for installation and maintenance.
- Positive radius control to prevent cable damage.
- Continuous support for long cable runs.
- Protection against sunlight, dirt, and mechanical impact.
- Versatile for power, control, and telecommunication cables . In summary, Sri Lankan cable trays offer a wide range of materials, types, finishes, and sizes, engineered for durability, corrosion resistance, and compliance with international standards, making them suitable for diverse industrial, commercial, and architectural applications.

Article Content

Cable Trays | Best Prices & Suppliers in Sri Lanka – Eastlink.lk

Browse Eastlink's full range of cable trays – engineered for safe, efficient, and organized cable distribution in all environments.

Cable Tray SS | Best Prices & Suppliers in Sri Lanka – Eastlink.lk

We provide a variety of cable trays and accessories, including Hot Dip Galvanized Alloy, hot dip galvanized, steel, aluzinc, and

Cable Tray

Cable trays are used in the industrial plants to protect the laid cables. Specifically, the perforated series are characterized by more

Sys Rack Straight Length Cable Tray Hot Dipped Galvanized

Manufactured in an ISO 9001:2015 certified facility from 1.5mm thick ZC sheet metal, it features a durable bottom, matching 1.5mm

Sys Rack Straight Length Cable Tray Powder Coated

Manufactured in an ISO 9001:2015 certified facility from 1.5mm thick ZC sheet metal, it includes a strong bottom, matching 1.5mm lid,

Bianco | Cable Trays & Ladders

These trays and ladders offer excellent mechanical strength, ensuring long-term performance in harsh environments, making them

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]

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Stainless Steel Cable Trays from Eastlink provide superior corrosion resistance and strength for critical network infrastructure.

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

GUIDE CABLE TRAYS TECHNICAL

In accordance with its continuous improvement policy, Legrand reserves the right to change the specifications and illustrations

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Our customers can count us for buying Electrical Cable Tray, Ladder Cable Tray, PVC Cable Tray, Mild Steel Cable Tray, Perforated

Galvanized Cable Trays Manufacturers in Sri Lanka

How Does Our Tray Protect Cables from Harsh Conditions? Kaish Electricals understands that durability plays an important role in

Cable Tray In Sri Lanka

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

Cable Trays Manufacturers in Goa, Metal Cable Trays Suppliers ...

Metal Cable Trays from us are suitable for environments in Sri Lanka where corrosion resistance and load capacity are high

cable tray technical specifications cable tray

ests in accordance of the standard. Armorduct cable tray systems are usually assembled using M6 roofing bolts particularly for

Cable Tray Alu Alloy | Best Prices & Suppliers in Sri Lanka - Eastlink.lk

Eastlink's Aluminium Alloy Cable Trays offer lightweight yet strong solutions for managing large volumes of electrical or network cabling.

Galvanized Cable Tray in Sri Lanka

Looking for Premium Quality Galvanized Cable Tray Manufacturers in Sri Lanka? Super Cable Tray Pvt. Ltd. - Leading Suppliers and

Cable Tray In Sri Lanka

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