

Sri Lanka Small Cable Tray Standards



Overview

We provide a variety of cable trays and accessories, including electro galvanized, hot dip galvanized, steel, aluzinc, and aluminum alloy options.

Key Takeaways

Small cable trays in Sri Lanka are generally manufactured to comply with international standards such as EN 61537 for cable management systems, with materials and coatings suitable for local environmental conditions.

Overview of Standards

In Sri Lanka, cable trays—including small or light-duty trays—are typically designed according to international standards rather than a unique national standard. The most commonly referenced standards include: EN 61537: Specifies requirements for cable tray and ladder systems, including mechanical strength, durability, and safety for electrical installations.

EN IS

O 1461: Governs hot-dip galvanization of steel components, ensuring corrosion resistance with a minimum coating thickness of 55-70 microns depending on steel thickness. These standards ensure that cable trays are mechanically robust, corrosion-resistant, and suitable for both indoor and outdoor applications.



Materials and Coatings

Small cable trays in Sri Lanka are available in various materials: Mild steel, stainless steel, and aluminum: Suitable for different load capacities and environmental conditions. Hot-dip galvanized steel: Provides excellent corrosion resistance for industrial and outdoor environments. Powder-coated trays: Offer enhanced aesthetics and protection for indoor installations.

Aluzinc and aluminum alloys: Lightweight options for smaller installations or data cabling.

Design Considerations

Slotted vs solid trays: Slotted trays allow easier attachment of accessories and better ventilation for cables, while solid trays provide full protection against dust and debris. Load capacity: Small trays are designed to support light to medium cable loads, with mechanical strength tested according to EN 61537. Flexibility and customization: Many Sri Lankan manufacturers, such as Bianco, C&D Electrical, and CEYLEKTRA, offer customizable sizes, shapes, and RAL color finishes to suit project requirements.

Local Manufacturers

Several reputable manufacturers and suppliers in Sri Lanka provide small cable trays that meet these standards: Bianco: Offers mild steel, stainless steel, and aluminum trays for indoor and outdoor use.

C&

D Electrical: Provides flexible and durable trays with customization options.

CEYLEKTR

A: Local brand specializing in hot-dip galvanized and powder-coated trays compliant with international standards.

PRISM

A: Offers a wide range of cable trays and accessories tested in accredited labs according to international standards.

Summary

While Sri Lanka does not have a unique national standard for small cable trays, local products adhere to international standards such as EN 61537 and EN ISO 1461, ensuring safety, durability, and corrosion resistance. Small cable trays are available in various materials and finishes, with options for customization to meet specific project needs, making them suitable for commercial, industrial, and data center applications.

Article Content

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Cable Tray

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150 200 300 400 500 Why GKS Engineered Cable Trays ? The illustration below shows the natural resources we consume to manufacture just 10,000 metres of cable tray with a side height of 60mm

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Eastlink.lk offers Hot-Dip Galvanized (HDG) Cable Trays for rugged, long-lasting cable support in industrial settings.

Cable Tray in Sri Lanka

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This document is for preliminary research. Verify specifications against current standards, product documentation and project requirements.

