

Swedish galvanized mesh cable tray specifications

Article Overview

Swedish galvanized mesh cable trays are typically made from electro-welded steel wires with corrosion protection suitable for environmental classes C2 to C4, offering high load capacity, ventilation, and flexible installation options.

Material and Construction

Swedish galvanized mesh cable trays are generally constructed from electro-welded steel wires, forming a rigid mesh that allows continuous ventilation of cables and prevents heat buildup. The steel is often hot-dip or sendzimir galvanized, providing corrosion resistance suitable for industrial, commercial, and coastal environments. Some trays use zinc-magnesium alloy coatings for enhanced durability in harsh conditions.

Environmental Classes

- o C2: Standard industrial, office, and school environments
- o C4: Harsh environments such as chemical plants, coastal areas, swimming pools, and shipyards

Dimensions and Load Capacity

- o Standard lengths: 3 m or 6 m for easy handling in tight spaces
- o Pin spacing: Typically 250 mm center-to-center for ladder-type trays
- o Load capacity: Designed to withstand at least 1.7 times the maximum load for safety
- o Mesh widths: Allow easy feeding of cables in multiple directions and support bends, branches, and exits

Installation Features

- o Bends and fittings: Engineered horizontal bends, tees, crosses, and dropouts are available
- o Mounting options: Can be mounted on walls, ceilings, or floors using brackets, clamps, and suspension rails
- o Safety edges: Safe-T-Curl top edges protect cables and installers during installation
- o Accessories: Splice plates, clamp assemblies, hangers, and covers are included to complete the system

Applications

- o Power and data cable routing in industrial, commercial, and infrastructure projects
- o Environments requiring high ventilation and corrosion resistance
- o Flexible layouts with frequent bends, branches, or cable exits



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Standards and Compliance

Swedish galvanized mesh cable trays adhere to industry standards for mechanical support, corrosion protection, and electrical safety, ensuring reliable performance in various environmental conditions. These specifications make Swedish galvanized mesh cable trays a durable, versatile, and cost-effective solution for cable management in demanding installations.

Hot-dip galvanised cable ladder with hexagonal side profiles and oval-pressed rungs. The ladders are intended for installations in

Cable Management - Cable Tray Systems Standards. Contact Our Dedicated Support Team On +44 (0)121 6016000.

Heavy duty cable trays are available in stainless steel as well as galvanized finishes for use in both standard and corrosive

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In the electrical wiring of buildings, a cable tray system is used to support insulated electrical cables used for power distribution,

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Cable tray is less expensive, more reliable, more adaptable to changing needs and easier to maintain. In addition, its design does

Wire mesh is made from sturdy Wire Mesh Cable Tray, metal wires woven or welded together, making it highly resistant to impact

Meka's wire trays can be used in a versatile way, in various cable and cable trunking solutions. These light trays are available as

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for seamless cable

Wire mesh is made from sturdy Galvanised Cable Tray, metal wires woven or welded together, making it highly resistant to impact

Wire Mesh Cable Tray - Galvanized or Powder Coated Surfaces Wire mesh cable tray supplies a point-to-point pathway for cables.

Strong and durable - Made of hot-dip galvanized steel or stainless steel, suitable for indoor and outdoor applications. Fast

The galvanized mesh cable tray is also called a basket cable tray, or grid cable tray. The galvanized mesh cable tray is made of high

Wire basket cable tray systems are defined to include, but are not limited to straight sections of continuous wire mesh, field formed

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