

## Article Overview

Hungarian metal cable trays are typically made from pre-galvanized steel, stainless steel, or hot-dip galvanized steel, conforming to EN 61537 standards for cable management.

## Materials and Finishes

Metal cable trays in Hungary are commonly manufactured from pre-galvanized steel (GS) for indoor use, hot-dip galvanized steel (GC) for exterior or high-corrosion environments, and stainless steel (AISI 316) for highly corrosive or industrial applications . These materials ensure durability, structural strength, and resistance to environmental factors.

## Types and Profiles

Cable trays are available in light, medium, and heavy-duty profiles, including ladder, ventilated, and solid-bottom designs. Ladder trays feature side rails connected by transverse rungs, allowing for maximum cable support and airflow, while ventilated trays provide openings for heat dissipation . Sections are designed to bolt together, enabling quick installation and flexibility for expansion or reconfiguration.

## Standards and Compliance

Hungarian cable trays comply with EN 61537, the European standard for cable management systems, ensuring safety, mechanical strength, and electrical performance . CE marking indicates self-declared compliance with European directives, and additional certifications may include third-party verification for quality and safety. Some products also meet ASTM A123, ISO 1461, and NEMA VE 1-2017 standards for structural and corrosion resistance .

## Installation and Accessories

Installation is simplified using adjustable risers and pre-drilled sections, allowing precise alignment and height adjustment. Accessories include couplers, bends, tees, and supports to accommodate complex routing. Pre-galvanized trays are recommended for interior installations, while hot-dip galvanized or stainless steel trays are preferred for outdoor or industrial environments .

## Applications

These cable trays are suitable for industrial, commercial, and public sector installations, including manufacturing plants, data centers, warehouses, offices, retail outlets, and educational or healthcare facilities.

They support both power and data cables, providing flexibility for upgrades or reconfiguration .

## Additional Resources

Suppliers like Basor Electric and AVIUS.hu provide technical datasheets, CAD drawings, BIM models, and dimensioning tools to assist engineers in selecting the appropriate tray type and calculating load capacities . These resources ensure compliance with project requirements and facilitate accurate planning. In summary, Hungarian metallurgical cable trays offer a range of materials, profiles, and finishes suitable for diverse industrial and commercial applications, with compliance to European standards and flexible installation options.

**CONCENTRATED STATIC LOADS:** Some applications may require the cable tray to support the weight of a single, dead object in

The document specifies requirements for cable trays, including that they be fabricated from galvanized sheet steel in standard

This document provides general guidelines for cable trays and their installation. It discusses the different types of

**HCT CABLE TRAYS** Hot-Dip Galvanized (TS EN ISO 1461) ... Standart length is 3m. **HCT CABLE TRAYS; USED WITH HMS**

**Technical Specifications for Wire Mesh Cable Trays** Wire mesh cable tray technical requirements are crucial for the success of cable

**Cable Tray** Cable trays are mechanical support systems that provide a rigid structural system for electrical cables, raceways, and

Tray components must be accurately formed to tolerances with rounded edges. Cable trays installed in hazardous environments

Our cable tray and cable ladder systems enable organized and safe cable management in both industrial and commercial

**FDG CABLE TRAY** FDG Cable Tray is designed to continuously support cable systems including; Power, Data, and Audio Visual. A

3.1 Cable trays & accessories shall be of two types, namely ladder type and perforated type. Technical particulars are specified in

The document provides a technical data sheet for cable trays including ladder and perforated types. It lists specifications for material,

Cable trays are components of support systems for power and communications cables and wires. A cable tray system supports and

Find here all our commercial reference documentation such as pricelists or catalogs and request your paper copy. Using the new

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

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

The cable volume is an important criterion for the selection of the correct cable support system; for which there must be sufficient

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