300 specification cable tray



Overview

The Unitrunk KLHR300T is a 300mm-wide heavy duty straight cable tray, made of a pre-galvanised steel material.

Key Takeaways

A 300mm cable tray typically features a 300mm width, heavy-duty construction, and compliance with BS 61537: 2007 standards, suitable for supporting electrical and data cables.

Dimensions and Construction

A standard 300mm cable tray, such as the Unitrunk KLHR300T, has a width of 300mm, a height of 50mm, and a length of 3 meters per straight section. These trays are generally made from pre-galvanized steel, providing durability and corrosion resistance. Other materials may include stainless steel (AISI 316L) or aluminum, depending on environmental requirements.

Wire mesh trays often feature Safe-T-Edge designs to prevent cable fraying and protect installers from sharp edges. Standards and Compliance300mm cable trays are designed in accordance with BS 61537: 2007, which governs cable tray systems for electrical installations. They may also comply with NEMA VE-1, CSA C22.

2 No. 126, and RoHS Directive 2011/65/EU for material safety.

C

© 2026 FD SOLUCIONES OPTICAL SYSTEMS - All rights reserved

E marking indicates compliance with European directives, and third-party certifications (UL, IMQ, LCIE) ensure quality and safety. Load Capacity and ApplicationsHeavy-duty 300mm trays are suitable for low-voltage, data, and power cables in industrial, commercial, and infrastructure projects. Load capacity depends on material, tray type, and support spacing.

Wire mesh trays optimize load distribution through patented wire diameters and welded construction. Ladder and solid-bottom trays provide additional support for heavier or sensitive cables. Finishes and Environmental ConsiderationsPre-galvanized steel: Economical, corrosion-resistant for indoor use.

Hot-dip galvanized steel: Enhanced corrosion protection for outdoor or humid environments. Stainless steel (316L): High corrosion resistance, suitable for chemical or marine environments. Aluminum: Lightweight, corrosion-resistant, ideal for areas requiring reduced structural load.

Accessories and Installation300mm cable trays can be fitted with covers, bends, tees, reducers, and supports to create a complete cable management system. Proper installation ensures minimum bend radius, adequate spacing, and secure cable support to prevent overheating or mechanical damage. In summary, a 300mm cable tray is a versatile, heavy-duty solution for structured cable management, available in multiple materials and finishes, compliant with international standards, and suitable for a wide range of electrical and data applications.

Article Content

GUIDE CABLE TRAYS TECHNICAL

NEMA VE 1-2017 Specifies requirements for metal cable trays and associated fittings designed for use in accordance with the rules of Canadian Electrical Code, Part I and the National Electrical Code®

Unitrunk KLHR300T Tray 300x50mmx3m

The Unitrunk KLHR300T is a 300mm-wide heavy duty straight cable tray, made of a pre-galvanised steel material. This product is from the Heavy Duty Cable Tray

Cable Tray Technical Guide A practical guide to product selection and ...

Cable tray installed in a hazardous location must contain only those cables that are appropriate for this type of environment as defined in Chapter 5 of the NEC.

LEGRAND CABLE TRAYS TECHNICAL GUIDE

NEMA VE 1-2017 Specifies requirements for metal cable trays and associated fittings designed for use in accordance with the rules of Canadian Electrical Code, Part I and the National Electrical Code®

© 2026 FD SOLUCIONES OPTICAL SYSTEMS - All rights reserved

300mm Return Flange Medium Duty Cable Tray 25mm

Home › Cable Management › Steel Cable Tray › Medium Duty Pre-Galvanised › 300mm Return Flange Medium Duty Cable Tray 25mm Deep (3m Length)

SWIFTS CABLE TRAY

With the new Swiftclip, lengths and fi ttings of Swifts cable tray can be fi tted without the use of specialist tools – making it even faster, safer and easier to fi t.

Technical Specification for Cable tray installation and cable laying work

Approval of IPR shall be obtained for site preparation and marking the cable tray routes and locations of cable tray support before proceeding with the erection and installation work.

CABLE TRAY

We manufacture a wide range of products capable of providing the characteristics which respond to the proposed application, along with quality of assembly, speed of installation, and cost-saving cable trays.

Cable Tray Straight Lengths | Cable Management | Metsec

We offer a range of cable tray straight lengths available in 100mm, 150mm, and 300mm up to 900mm depending on your needs. Available in pre- or post-galvanised, or stainless steel options.

Cable Tray Specification Overview

This document provides a general specification for cable trays for an electrical project. It outlines technical requirements, codes and standards, site conditions, quality assurance, testing and

620mm Gi Perforated Cable Trays at 300.00 INR at Best ...

Rek Industries Pvt Ltd - Offering low price 620mm Gi Perforated Cable Trays at 300.00 INR in Phursungi, Pune with product details & company information.

EUN Unperforated Normal Type Cable Trays

About this product Cable trays are systems used for the safe transportation and protection of electrical cables, designed to fit the pathways within buildings and structural installations. Type | : Unperforated

Cable Tray Types and Sizes

Explore various cable tray types and sizes for electrical installations. Learn about ladder, perforated, solid-bottom, wire mesh, and channel trays in this complete guide.

© 2026 FD SOLUCIONES OPTICAL SYSTEMS - All rights reserved

Aluminium Cable Tray 300 Mm X 50 Mm X 2 Mm

Shree Jotirling Electrical - Offering low price Aluminium Cable Tray 300 Mm X 50 Mm X 2 Mm at 4150.00 INR in Near Khopoli Railway Station, Khopoli with product details & company information.

PDF document

Read this PDF document online, download the original file, and browse related details on device.report. Additional coding instructions can be found in the Article File chapter of

The Ultimate Guide to Tray Cables: Types, Applications and

When it comes to powering, automating and protecting facilities□from factories and petrochemical plants to data centers and high-rises□the right cable makes all the difference. Among

Cable tray | MetalEgypt

A cable tray is a robust structure used to ensure the safety and organization of your electrical systems with durable cable trays.

Cobia® Cable Tray Assembler – CableOrganizer

Shop online for thousands of cable management products, as well as networking, electrical, and industrial safety supplies. Renowned customer service!

Related Video Reference

This video was associated with the source search result. Verify technical details against current product documentation and project requirements.

© 2026 FD SOLUCIONES OPTICAL SYSTEMS - All rights reserved

Contact Us

Continue your research online:

Website: https://fdsoluciones.es
Technical inquiry: https://fdsoluciones.es/project-enquiry.html

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

© 2026 FD SOLUCIONES OPTICAL SYSTEMS - All rights reserved