Cable Tray 200150 Specifications



Overview

The document provides a technical data sheet for cable trays including ladder and perforated types. It lists specifications for material, thickness, dimensions, loading capacity, fittings and accessories.

Key Takeaways

The Appleton TC200150 is an aluminum tray cable fitting designed for NEC-compliant installations, supporting a wide temperature range and multiple cable sizes.

Material and Construction

The TC200150 is made of aluminum, providing durability and corrosion resistance suitable for industrial and commercial applications. Connectors for 1/2", 3/4", and 1" sizes are supplied with zinc-plated steel locknuts to ensure secure attachment.

Temperature and Operating Conditions

Continuous operating temperature: -60°C to 110°C (-76°F to 230°F)Jacket sealing technique: Compensating displacement seal, which accommodates variations in cable jacket thickness and ensures a tight seal.

Cable Compatibility

The fitting is designed to terminate a wide range of cable sizes within a single hub size, thanks to its seal insert that adapts to different cable diameters. The sealing area specifically engages the cable outer jacket, providing protection against environmental factors. Compliance and StandardsNEC Article 501.

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10(B)(1) compliance ensures the fitting meets electrical code requirements for hazardous locations. The product is suitable for use in aluminum tray cable systems, supporting safe and code-compliant installations in industrial and commercial environments.

Additional Notes

The TC200150 is also referenced under part numbers 781381246378 and APPTC200150. Its design allows for easy integration with existing cable tray systems, making it versatile for retrofits or new installations. This fitting is ideal for engineers and electricians seeking a reliable, code-compliant solution for terminating tray cables in environments requiring robust sealing and temperature tolerance.

Article Content

Appleton™ TC200150 ALUMINUM TRAY CABLE FITTING

Images are for illustration only and may not reflect the actual product. Refer to the description or specs.

Full cable tray systems specification document

The work covered under this section consists of the furnishing of all necessary labor, supervision, materials, equipment, tests and services to install complete cable tray systems as shown on the

Cable Tray Technical Specifications | PDF | Galvanization ...

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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®

Product Catalogue Cable Management Solutions

Cable ladder is a more reliable, less expensive solution for supporting cable, which is easier to maintain, proves more adaptable to changing needs, and is more suitable for harsh and corrosive environments.

200150, 200155 and 200157 Accelerometers Datasheet

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Custom products may be able to provide longer cable lengths for the 200150 and 200157 accelerometers. Cables associated with the product(s) mentioned in this datasheet have an EFUP

Alibaba : Huayi XKCT-200150 Galvanized Heavy Duty Perforated

Designed to hold and organize electrical cables efficiently, this tray is ideal for industrial and commercial applications requiring robust support and enhanced ventilation. Adjustable perforation sizes and

CABLE TRAY SYSTEMS GUIDE

The Ladder Tray features light, rugged, tubular steel construction. It is designed for mechanical support and strain relief in long runs of cable and creates a smooth gradual bend for cable. Rail and stringer

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.

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

Cable Tray Technical Guide A practical guide to product selection and installation This guide for engineers and installers has been developed by ABB as a practical reference regarding cable tray

Cablofil Cable Management | Legrand

Build a cable management system with Cablofil wire mesh cable tray, ladder cable tray, prefab assemblies for branch circuit wiring, fasteners, and accessories.

LEGRAND CABLE TRAYS TECHNICAL GUIDE

Not all cable trays are equivalent. The mechanical and electrical characteristics, tests, certifications, overall quality management, recommendations mentioned in this technical guide only apply to our

cable tray technical specifications cable tray

standards & specifications light & medium duty cable tray sizes essories do not have a return edge. Also light duty tray of widths 150mm and un-der do not require the use of For sizes that do require a pair

Cable Trays and Accesories

Cable Trays and Accessories are designed to meet most requeriments of cable and electrical wire installations and comply to local international standards of ...

FRP Perforated Cable Tray Specifications

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FRP Perforated Cable Tray Specifications This document provides technical specifications for fiber reinforced plastic (FRP) perforated cable trays manufactured by Fibertech Composite Pvt Ltd. The

Tray Cable | Tray Cable Inventory for Industrial Use

We provide flexible installation options, including single and multi-conductor tray cables that can be installed in free air, raceways, or direct burial. Whether you

Microsoft Word

Suitable cable clamps shall be supplied for binding the cables and tubes at every 500 mm. The width shall be so selected that 50% of tray space is available for future use. Structural angles used for

Cable Tray Specifications and Sizes

The data sheet provides specifications for standard cable trays and accessories. Standard cable trays are 2.5 meters in length with a maximum thickness deviation of 0.01mm and dimensional deviation of

Related Video Reference

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

Contact Us

Continue your research online:

Website: https://cjcconsultants.co.za
Technical inquiry: https://cjcconsultants.co.za/contact.html

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

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