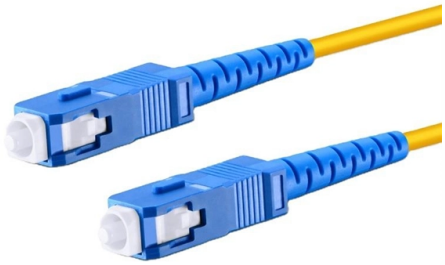
Cable trays are classified as equipment



Overview

Cable Tray Installation Rules (NEC 392) – Electrical TraderThe cable tray can act as the equipment grounding conductor (EGC) if it meets specific condition.

Key Takeaways

Cables and cable trays are generally not considered "equipment"; they are classified as wiring methods and support systems rather than electrical equipment.

Cable Trays

Cable trays are mechanical support systems designed to hold, route, and protect electrical cables in buildings and industrial facilities. According to the NEC, a cable tray is a rigid structural system used to securely fasten or support cables and raceways, but it is not classified as electrical equipment itself. Cable trays provide organization, accessibility, and protection for wiring systems, but they are considered part of the wiring method or support infrastructure, not the equipment that consumes or controls electrical power.

OSH

A also treats cable trays as components of wiring methods rather than equipment, though they may serve as grounding conductors in certain installations.

Cables



© 2026 CJC FIBRE CONSULTANTS - All rights reserved

Electrical cables, including tray-rated cables (TC, MC, MI), are conductors insulated and protected for power, control, or communication purposes. They are part of the wiring method and are installed within cable trays, conduits, or raceways. While cables are essential for delivering electricity to equipment, they themselves are not considered equipment; they are classified as components of the electrical distribution system.

Key Distinction

Equipment refers to devices that consume, control, or convert electrical energy, such as motors, transformers, lighting fixtures, or control panels. Cable trays and cables are support and distribution components that facilitate the safe and organized delivery of electricity but do not perform energy-consuming or controlling functions. In summary, cables and cable trays are integral parts of the wiring system but are not classified as electrical equipment under NEC or OSHA definitions.

Article Content

Cable Tray Installation Rules (NEC 392) – Electrical Trader

The cable tray can act as the equipment grounding conductor (EGC) if it meets specific conditions. It must be clearly identified as an EGC, properly bonded to maintain electrical continuity,

Cable Trays

Cable trays are systems that distribute bundles of insulated electrical cables from power supplies to electrical equipment, consisting of metallic trays supported from structures like walls and ceilings.

Types of Cable Typically Used in Cable Tray

In all instances cables utilized within a cable tray system should be UL listed and marked as cable tray rated. The types of cables, allowed in cable trays, and the wiring methods permitted in cable trays

ITER Cabling Handbook

The local trays indicate the support of one or several cables (in limited number) from the main cable tray to the electrical equipment to connect (around 5 m). These local trays have generally a width of 50 or

Cable Tray

Choose from our wide range of cable carrier sizes and finishes. Our range of components lets you configure a cable tray to route cables through unused space while keeping them accessible for easy

© 2026 CJC FIBRE CONSULTANTS - All rights reserved

Cable Tray Institute

Metal cable trays can be U.L. classified with regard to suitability for use as an Equipment Grounding Conductor. Compliance with other appropriate NEC cable articles is required.

Cable Tray Used as an Equipment Ground Conductor (EGC

Legrand Cable Tray is a versatile and durable solution for managing and protecting electrical cables in a wide range of applications. Its robust construction and flexible design make it ideal for use in

26 05 36 Cable Trays for Electrical Systems

SCOPE This section includes: Metal cable trays Nonmetallic cable trays Cable tray accessories Related Requirements: Section 260010 "Supplemental Requirements for Electrical" for additional

Safely Installing, Maintaining and Inspecting Cable Trays

As with any electrical equipment, cable trays and the wiring contained in the trays must be listed, labeled or otherwise approved, pursuant to the requirements of 29 CFR § 1910.303(a).

GUIDE CABLE TRAYS TECHNICAL

The cable management system''s electromagnetic performance characterises its ability to protect its cables from external electromagnetic disturbance; if this is controlled, the data carried by the cables

7 Types of Cable Trays: How to Choose the Right One

Cable tray systems are engineered support structures designed to route, support, and protect insulated electrical cables used for power distribution, control, instrumentation, and

Types of Cable Typically Used in Cable Tray

Types of Cable Typically Used in Cable Tray The purpose of a cable tray system is to support, route, and protect cable as part of the cable management system. Through NEMA and the Cable Tray

Cable Trays | Cable Management Systems | Snake Tray

Snake Tray manufactures cable trays, power distribution solutions and cost-effective cable management systems for data centers, solar installations, transit & more.

Grounding Inspection of Steel and Aluminum Cable Tray Systems

© 2026 CJC FIBRE CONSULTANTS - All rights reserved

Steel and aluminum cable tray systems are excellent equipment grounding conductors if they are properly designed, specified, installed, and inspected. The NEC requirements for cable tray

Grounding Inspection of Steel and Aluminum Cable Tray Systems

Grounding inspection should verify that the cable tray is marked as an equipment grounding conductor, this is always preferred, or a single conductor equipment ground conductor is installed and bonded to

Document DICOS

Attaching a channel cable tray by using the method illustrated in Figure 3-88 maintains the electrical requirements, and the bolted mechanical connection while providing a practical method for dropping

Wire Basket Overhead Cable Tray Routing System Application Guide

System Overview The Wire Basket Overhead Cable Tray Routing System is composed of pathways, splices, mounting brackets, and accessories that allow the system to be configured for a wide range

HS Code for cable tray and accessories Update July 2026

Cable tray and accessories Hs Code HS Code: 7326.90 cable tray and accessories classified under HS code 7326.90 Descriptions like this can miss product-specific details. Confirm your code with

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.

© 2026 CJC FIBRE CONSULTANTS - All rights reserved