

# Cable tray thickness deviation regulations

## Overview

31 (C) now aligns with the Code's broader language (like Article 392), allowing these smaller conductors and detailing how to calculate ampacities, the number of conductors permissible in cable trays, how to size cable trays correctly by width, layering. The updated section 690. All illustrations, descriptions and technical information included in this document are provided as indications and can cable trays are equivalent. The mechanical and electrical characteristics, tests, certifications, overall quality management, recommendations mentioned. Cable tray (or cable ladder) systems are a popular alternative to electrical conduit systems, as they have an outstanding record for dependable service, design flexibility and cost savings in commercial and industrial applications. A properly designed and installed cable tray system will provide. This standard specifies the requirements for nonmetallic cable trays and associated fittings designed for use in accordance with the rules of the Canadian Electrical Code (CEC) Part 1, and the National Electrical Code® (NEC). 62 publication, use of. nstallation of a cable tray system for communications infrastructure. These requirements ar Telecommunications Distribution Methods Manua ♦ shall mean any enclosed channel for routing wire, cable or bu. maintain spacing or to keep cables in place when the tray is ect the minimum bend ra-dius for cables as they exit the bottom of the cable tray.

## Article Content

Sep 03, 2025

Code Corner: 2023 NEC Article 690.31 (C) and (C) (2) Cable Tray ...

Historically, the NEC has allowed cable trays, but has lacked specific guidelines for sizing conductors and using smaller conductors like PV wire and DG cable on rooftops. The 2023 update ...

Jan 14, 2026

GUIDE CABLE TRAYS TECHNICAL

In accordance with its continuous improvement policy, Legrand reserves the right to change the specifications and illustrations without notice. All illustrations, descriptions and technical information ...

May 23, 2026

NEC Article 392: Cable Tray Systems

It provides rules for acceptable wiring methods that can be installed in cable trays, including conditions for use. It addresses uses permitted and not permitted for cable trays.

Jan 14, 2026

B-Line series Cable Tray Design Considerations

Our wind certification report provides you with list of acceptable B-Line series cable tray supports, fittings and covers based off of the environmental conditions, cable loading, and type of cable tray in your ...

Aug 14, 2025

Codes and Standards | Cable Tray Institute

The Cable Tray Institute is making available the current edition of this practical guide for the proper installation of aluminum or steel cable tray systems. These guidelines will be useful to engineers, ...

Nov 13, 2025

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

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 ...

Sep 14, 2025

## SECTION 270528 — CABLE TRAY FOR TELECOMMUNICATIONS

For a given manufacturer, all components shall be part of a single cable tray product line - components shall not be intermixed between a manufacturer's cable tray product lines.

Jan 10, 2026

NEMA BI 50016-2024

Cable tray system design shall comply with National Electrical Code® (NEC®) Article 392, NEMA BI-50015 (formerly VE 1), and NEMA 270 FG 1, and follow safe work practices as described in NFPA ...

Jan 19, 2026

IEC Standard for Cable Tray: Complete Technical Guide

IEC 61537 is the internationally recognized benchmark for metal cable tray systems. It applies to cable trays made of steel, stainless steel, aluminum, or other metallic materials. The ...

Apr 25, 2026

Section 27 05 36 Cable Tray for Communications Systems

Multiple tiers of wire mesh cable tray should be installed with a minimum clearance of 12" in between the trays. When located above an acoustical drop ceiling, wire mesh cable tray should be installed a ...

## Contact Us

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