

Standards for Cable Trays and Conduits in Low-Voltage Electrical Engineering

Overview

IEC 61537:2023 specifies requirements and tests for cable tray systems and cable ladder systems intended for the support and accommodation of cables and possibly other electrical equipment in electrical and/or communication systems installations. Covers construction and test requirements for. To help you better manage project quality, or even teach standards and codes on the job in a simplified manner, our ICT checklist can help. It is a simple way of ensuring a quality installation, or evaluating the existing quality and remediation needs of a site. To achieve safety, efficiency, and compliance, using IEC standards is crucial. Separation isn't just an EMI precaution — it protects signaling, reduces rework, and ensures pathways meet inspection expectations across risers.



Article Content

Mar 09, 2026

Cable Separation Standards | Winnie Industries

To put those principles into practice, the following guidelines outline the specific separation requirements critical for compliant and reliable installations. Prior to NEC 2026, many ...

Jan 05, 2026

Cable Tray Systems: Requirements and Best Practices

This article explains the main requirements and good practices for cable tray systems, including tray types, materials, loading, supports, bonding, cable selection, and installation details.

Mar 01, 2026

Using IEC Standards in Cable Tray and Conduit System Planning

IEC standards offer a robust framework for cable tray and conduit system planning. From design and material selection to load calculations and fire protection, these guidelines enhance ...

Nov 12, 2025

IEC 61537:2023 | IEC

IEC 61537:2023 specifies requirements and tests for cable tray systems and cable ladder systems intended for the support and accommodation of cables and possibly other electrical equipment in ...

Dec 12, 2025

Understanding NFPA 70 NEC Standards for Low ...

The National Electrical Code (NEC), formally recognized as NFPA 70, provides comprehensive standards crucial for electrical installations in the United States, ...

Apr 06, 2026

IEC 61537:2023

This document specifies requirements and tests for cable tray systems and cable ladder systems intended for the support and accommodation of cables and possibly other electrical equipment in ...

Dec 02, 2025

Codes and Standards | Cable Tray Institute

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 ...

Oct 10, 2025

A Guide to Installing and Supporting Electrical Cable Trays

This guide covers the critical steps, from selecting the right electrical cable tray and performing accurate cable fill calculations to managing a safe cable pull through and ensuring all bonding and grounding ...

Dec 20, 2025

Understanding NFPA 70 NEC Standards for Low Voltage Cabling: A ...

The National Electrical Code (NEC), formally recognized as NFPA 70, provides comprehensive standards crucial for electrical installations in the United States, including the specifics surrounding ...

Dec 28, 2025

Explaining NEC Article 392 on Cable Trays

NEC Article 392 explains cable trays, their components, appropriate wiring methods for cable trays, and instances where they are and are not permitted for use. It also focuses on ...

Oct 23, 2025

Cable Tray Sizing Calculation Guide | PDF | Electric Power | Electrical ...

The document outlines the steps for cable tray and conduit sizing according to NEC and IEC standards, including input data for low and medium voltage cables. It emphasizes the need to follow specific ...

Contact Us

For more information, pricing, or custom solutions, please contact us:

Website: <https://www.iiss.co.za>

Email: sales@iiss.co.za

Phone: +27 63 174 2895

Address: Unit 8, Innovation Park, 15 Rivonia Road, Sandton, Johannesburg,
2196, South Africa

This document is for informational purposes only. Specifications subject to
change without notice.

