

Cable tray rivet fixing time

Article Overview

Rivet fixing for cable trays typically takes a few seconds per rivet, but total installation time depends on tray type, material, and installer experience.

Rivet Fixing Overview

Rivets are commonly used to secure cable trays, especially lightweight metal or PVC trays, to support structures such as walls, ceilings, or suspended hangers . The fixing process involves:

- Aligning the tray sections or fittings
- Inserting the rivet through pre-drilled holes
- Using a manual or pneumatic rivet gun to set the rivet For a skilled installer, each rivet can be fixed in approximately 5-15 seconds, depending on the tool used and accessibility . Using a pneumatic or battery-powered rivet gun significantly reduces time compared to manual hand tools.

Factors Affecting Fixing Time

- Tray Material and Thickness: Aluminum or thin-gauge steel trays are faster to rivet than thicker steel trays .
- Tray Type: Ladder, solid-bottom, or mesh trays may require different numbers of rivets per joint, affecting total time .
- Accessibility: Overhead or confined spaces slow down installation, while open, easily reachable areas allow faster fixing .
- Pre-threading and Preparation: Pre-aligning trays and pre-threading nuts or using guides can reduce overall installation time

Article Content

Sep 13, 2025

Best Practice Guide to Cable Ladder and Cable Tray Systems

This guide covers cable ladder systems, cable tray systems, channel support systems and associated supports intended for the

Jul 08, 2026

Method Statement installation of Cable Trays and Ladders

This method statement covers the site installation of the cable tray & ladders and the requirements of checks to be

Aug 30, 2025

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

Dec 23, 2025

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

Cable tray is considered to be a system. It must provide continuous support for cables, and the electrical continuity of the cable tray

Nov 13, 2025

Master Cable Tray Installation: A Professional Step-by

Learn how to install cable trays for large-scale projects with our professional, step-by-step

Dec 09, 2025

Best practice guide to cable ladder and cable tray systems

Cable ladder and cable tray systems The following recommendations are intended to be a practical guide to ensure

Mar 24, 2026

Mastering Cable Tray Installation | Step-by-Step Guide for a Seamless ...

Learn how to install cable trays correctly. Get the ultimate step-by-step guide on setting up a seamless and reliable

Feb 04, 2026

RECOMMENDED SPECIFICATIONS OF JUNCTION BOX AND CABLE TRAY

Basic requirements for some aspects of the E&I components (e.g., cable tray and junction box) can be found in the ABS Rules for

Dec 04, 2025

Level 2 EFK Manual

Cable tray is usually installed in commercial and industrial installations. Apart from carrying a large number of cables, cable tray can

Mar 29, 2026

Cable Tray Installation and Maintenance Considerations

Learn about effective Cable Tray Installation and Maintenance. Get practical tips for planning,

Mar 08, 2026

300mm Cable Tray Hanging & T-Joint Fixing in 60 Sec!

Learn the fastest way to hang & fix a 300mm cable tray T-joint! Perfect for electricians &

Oct 04, 2025

How to Install Cable Tray: A Comprehensive Guide to Different Cable ...

Welcome to our step-by-step guide on installing cable trays! In this video, we'll explore the

Oct 23, 2025

Best Practices in Cable Tray Fixing and Maintenance

The Cable Tray Fixing process begins with a detailed assessment of several factors, including the type of cables to

Jan 24, 2026

Cable Tray Installation

A well-executed installation saves time, lowers danger, and adds intelligence to the electrical system, whether it

Jan 02, 2026

Best Practices for Installing Cables in Trays

Quick Installation Checklist (Key Steps) Cable tray cable installation generally follows these

Jun 08, 2026

CABLE TRAY INSTALLATION PROCEDURE

5. Cable tray installation shall preferably be installed flat in buildings or operating structures. Tray shall run as far as

Jun 29, 2026

Cable tray manual

All the technical information developed by the 1973 NEC® Technical Subcommittee on Cable Tray for Article 318 - Cable Trays was

Mar 26, 2026

Cable fixing and the 18th Edition IET Wiring Regulations

When fixing cables to exposed horizontal surfaces, the spacing of metal fixings should be approximately every 300mm.

Jan 14, 2026

Guidelines for the Installation of Cable In Cable Trays

The use of ladder-type trays as raceways for insulated cables is becoming more prevalent. These raceways are being more heavily

May 28, 2026

Adding cable tray in Revit

Adding cable tray in Revit Review the basics of placing cable tray, add vertical cable tray, and place cable tray and fittings

Dec 25, 2025

Cable Tray Cable Ladders: A Comprehensive Guide to

Proper installation and maintenance of cable tray and cable ladder systems are vital to

Feb 19, 2026

Cable Tray SHIB NAL

Cable trays are not raceways, but they are treated as a structural component of a facility's electrical system. Cable trays are a part of

Aug 27, 2025

Cable Tray Installation and Cable Handling Method Statement

Efficient cable tray installation and proper cable handling are critical for ensuring the reliability and safety of electrical systems.

Dec 21, 2025

Cable Tray Installation Guide

Cable Management With Lenson Select We hope you found our cable tray installation guide

Mar 27, 2026

INSTALLATION GUIDE

Qualified field personnel working to a pre-determined layout plan will save considerable installation time. Per the Canadian Electrical

May 17, 2026

Essential Cable Tray Cover Fixing Accessories Explained

Learn about the best cable tray cover fixing accessories like no-weld clips, seven-shaped

Feb 12, 2026

Legrand Cable Tray Installation Instruction

Before installing cable in the cable tray, examine cable paths to ensure all areas are free of debris that may interfere with cable

Jul 13, 2026

Electrical Conduit & Cable Tray Fasteners | Milwaukee Tools Europe

Back to Mounting Conduit, Cable Trays and Cabinets Fastening MILWAUKEE®'s range of cordless fastening tools has been

Jul 28, 2025

PP cable tray fastening accessories

PP mounting accessories are intended for joining cable trays, cable ladders, fastening of cable trays and

Jan 22, 2026

Best Fixing and Mounting Options for Cable Trays | CMW

Posted on: 30/04/2025 Regarding cable management, the fixing and mounting you choose for your cable trays can make or break

Jun 30, 2026

Document DICOS

To install the cable tray supports, first find the required elevation from the floor to the bottom of the cable tray and establish a level

Oct 29, 2025

Cable Tray Installation Guidelines

This document provides details on installing cable trays and their support systems. It includes diagrams showing how to mount cable

Nov 09, 2025

Cable Tray Installation Procedure Guide

It describes inspecting and storing cable trays upon receipt, installing trays flat or vertically, fixing trays to structures, designing trays

May 14, 2026

POWER CABLE INSTALLATION GUIDE

POWER CABLE INSTALLATION GUIDE ... POWER CABLE INSTALLATION GUIDE Cables installed into conduits or trays have

Jul 25, 2025

Cable Tray Installation Procedure Guide

This document provides procedures for installing cable trays according to international standards. It

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.

