

How to fix cable trays on the roof

Overview

Layout isolation pads, (provided by contractor), according to the design and layout. Insert legs of duct support into bases and attach with 2-1/2" bolt and 1/2" nut. This should be done before any weight is supported. The PHP Cable Tray Support is designed for cable systems of various widths at most specified heights above the roof surface. Rooftop installations are often subjected to harsh environmental conditions, including extreme temperatures, high winds, and exposure to UV. Article Summary: A compliant cable tray installation requires a thorough understanding of NEC Article 392, proper structural support, and precise installation techniques. Sam Birch, Technical Manager at Big Foot Systems, looks at the latest methods for securing cabling on flat roofs. Are you safe and secure on rooftops?

Poorly installed cabling. The purpose of this article is to define the sequence and methodology for the installation of electrical cable trays, cable trunking, cable raceways and boxes, junction and pull boxes.



Article Content

Apr 27, 2026

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 07, 2025

RTSH: Single Cable Tray Support

This Single Cross Brace Cable Tray Support features H-Stand design and our non-penetrating, rectangular RTSF21 rubber bases, and provides perfect support for rooftop cable trays.

Jan 31, 2026

Guide to cable support systems

Widths of 8 and 15 millimetres enable flexible adjustment to different cable trays, cable ladders and cable volumes. With the help of the matching SBV tightening strap locks and 576 spring chuck, the ...

Aug 06, 2025

Essential Steps for Cable Tray Installation on Roof

Learn essential steps for cable tray installation on roof, including support systems, material selection, and environmental considerations for optimal performance and durability.

Mar 17, 2026

Making rooftops safe and secure

Cable tray systems are often used for cable management in commercial projects to support insulated electric cables on flat roofs. Traditionally, cable trays were often supported on concrete paving slabs ...

Aug 06, 2025

Installation of cable trays

The eTile system requires the correct routing of cables under the roof slab. Steel cable trays ensure safe wiring and are an important element of the grounding system of the entire installation.

Jan 01, 2026

Rooftop Pyramid Tool-Free Cable Tray Support Kit, 12.52"

Need technical support or a quote? We're here to help. Use left and right arrow keys to resize the column. Hold Shift for larger steps. Press Home for minimum width and End for maximum width.

May 14, 2026

Rooftop Cable Tray Support System

PHP's cable tray support system is engineered to sustain various sizes of cable runs on your rooftop. PHP is the leader in cable tray support systems.

May 29, 2026

Cable Tray Trunking & Ladder Installation Method for Projects

The purpose of this article is to define the sequence and methodology for the installation of electrical cable trays, cable trunking, cable raceways and boxes, junction and pull boxes.

Sep 09, 2025

INSTALLATION GUIDE

Ladder tray should be mounted far enough off the floor or roof to allow the cables to exit through the bottom of the tray. If strut is used as a cross support, mount the strut directly to the roof or floor.

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.

