

## Too many Revit cable trays



### Overview

Click Manage tab Settings panel MEP Settings drop-down Electrical Settings. In the right pane, select a cable tray size, and click Modify Size. It is a "jump-over (or under)" piece that I want to use where I have to cross two trays at same level, but without a cross. Any help would be much appreciated. Thanks in advance!

05-14-2026 11:16 AM Not too. This Revit tutorial walks through setting up cable tray in revit mep, covering essential tools and techniques for your projects. Welcome back to the CAD Teacher VDCI video course content for the BIM 321 course, Introduction to Revit MEP. In this video, we're going to go ahead and start setting up. Is it possible somehow to determine all cable tray fittings connected to some presice cable tray?

Basically this is the question, but clarifications can be added if needed) There are definitely more efficient ways to do this, but you can get the connectors of all cable trays and cable tray. I'm working on a project which we have too many cable tray offsets. My automatic connection on levels changes is giving me a hard time. When the offset is over 400mm it does not create a 45 dg connection, instead it creates a 90 dg connection, and we don't like that way, so I need to change it. The cable trays aren't connecting no matter what angle I try to connect them and I am presented with the following error message in the image attached despite loading all the cable tray connectors.

## Article Content

### Solved: Cable tray Trim errors

Hi All, What I'm trying to do should be simple; trim two pieces of tray together. But for some reason It's either throwing routing errors or creating some very weird connections. Things I've

### Cable Tray Run Schedules

I've been trying to get a combined cable tray run schedule that includes both trays and fittings. I've defined a new shared parameter called Cable Tray

### 16 Revit Electrical | Cable Tray & Conduit System Design

In this tutorial, we will cover the Cable Tray & Conduit System Design in Revit Electrical. Learn how to efficiently model and route cable trays and conduits for an optimized electrical system ...

### Electrical Containment: Cable Trays and Conduits < Cable ...

Electrical Containment: Cable Trays and Conduits < Cable trays and conduits form the physical pathway for all electrical wiring. In Revit, they are modeled as system families and host multiple ...

### How to create complex cable tray types in Revit

How to create complex cable tray types, such as complex rung type. Cable tray is system family and can only modify basic size by duplicating existing type, like width, length and spacing.

### Help | Video: Place Cable Tray | Autodesk

When you use Revit to design an electrical power system, you can model cable tray in your design. Currently in Revit, cable tray elements are not part of the electrical system and do not provide

### Help | Modify a Cable Tray Size | Autodesk

In the left pane of the Electrical Settings dialog, expand Cable Tray Settings, and click Size. In the right pane, select a cable tray size, and click Modify Size.

### Cable tray fitting problem

Not too familiar with Cable Tray Fitting Part Types, but it looks to be a condition of the part type that you specify. You currently have your family set as a Channel Tee. Experimentally: Channel

### Cable trays NOT automatically connecting

The error says it all: you need to load fitting families and assign them to the system. To get them quickly: Create a new project using System-Default

## Modify Cable Tray

On the Options Bar, specify cable tray options. Drag the control to move or extend the cable tray segment to a new endpoint, or to connect with another cable tray.

[Help](#) | [Add a Cable Tray Size](#) | Autodesk

You can add a cable tray size to the list of standard cable tray sizes that come with Revit. Click Manage tab Settings panel MEP Settings drop-down Electrical Settings.

Designing Cable trays and Cables.

What is the best method to design Cable trays, and then populate them with Cables? I know there are multiple products that can do this, but what

[Help](#) | [Modify a Cable Tray Size](#) | Autodesk

You can modify the size of a cable tray as requirements change. Click Manage tab Settings panel MEP Settings drop-down Electrical Settings. In the left pane of the Electrical Settings dialog, expand Cable

## Setting Up Cable Tray in Revit MEP: A Step-by-Step Guide

Walk through placing cable tray in Revit MEP—loading fittings, setting routing preferences, drawing runs across floors, and resolving clashes with ducts and conduit.

## Cable Tray and Conduit

**Add Cable Tray Fittings** As you draw cable tray, Revit automatically adds fittings. Use the following procedure to manually add cable tray fittings to an existing segment or run.

## Joining cable trays

There are definitely more efficient ways to do this, but you can get the connectors of all cable trays and cable tray fittings, determine which connectors are coincident, and connect them (if

## Cable Tray Settings

**Scale for Single Line Fittings** - Specifies whether cable tray fittings are drawn at the size specified by the Cable Tray Fitting Annotation Size parameter. Changing this setting does not change the plotted size

## The Ultimate Guide to Perfecting Revit Electrical Cable Tray Draw

Don't miss this opportunity to enhance your Revit skills and become a proficient electrical cable tray designer. Watch the video, hit the like button, and subscribe for more in-depth tutorials on ...

[Adding cable tray in Revit](#) | Autodesk

Review the basics of placing cable tray, add vertical cable tray, and place cable tray and fittings horizontally on a wall. We are also modifying cable tray fittings to work in tight spaces.

### Revit Electrical Cable Tray & Conduits Training

By the end of the training, participants will have a solid understanding of how to efficiently use Revit for designing and managing cable trays and conduits in an electrical system, ensuring ...

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### Revit Cable Tray Cable Tray Cable Calculations In Revit

Revit can perform these calculations based on the load classifications you assigned to the cable tray and the sizes of cables.

### Cable trays NOT automatically connecting

At first I thought the angles were perhaps too much for the software to automatically connect but after trying a simple 90 degree connection It still didn't

### Revit MEP: How to Dimension Cable Tray in Section

Revit Cable Trays don't look to pretty out of the box, this little trick makes them not only function better, but look a little cleaner too. Like, Subscribe & turn notifications on for more useful ...

### Adding Cable Tray in Revit

The videos featured in this article demonstrate how to: Model cable tray vertically and horizontally along a wall. Modify cable tray fittings in tight spaces. Introduction to Adding Cable Tray in

### How to show the capacity of Cable Trays in Revit?

Solution: The Wires are presented in Revit as 2D elements that have no automatic connection with the Cable Trays. To present the capacity of the Cable Trays, use the Project

### Solved: Re: Cable Tray Quantity Issue

I took cable quantification thru schedules and quantities. I enclosed screen shot. There are places cable tray length and Size is there but material not there. How to identify cable tray with

## Contact Us

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