

Revit cannot recognize cable trays



Article Overview

Revit may not recognize cable trays if the correct fittings are not loaded or assigned, or if project templates and system settings are misconfigured.

Common Causes

- **Missing or Unassigned Fittings** Revit requires cable tray fittings (elbows, tees, crosses) to be loaded and assigned to the system. Even if the families are loaded, they must be explicitly assigned to the cable tray type for automatic connectivity to work .
- **Incorrect Project Template** Using an architectural template instead of an MEP template can result in missing cable tray content. Starting with the correct MEP template ensures that all necessary families and system defaults are available .
- **Elevation or Alignment Issues** Cable trays must be on the same level and properly aligned. Misaligned or askewed trays can prevent Revit from recognizing connections .

Steps to Resolve

- **Load and Assign Fittings**
- Go to the Cable Tray Fitting section in Revit.
- Load all relevant fittings (channel elbows, tees, crosses) into the project.
- Assign these fittings to the cable tray type via the Type Properties to enable automatic connection .
- **Check Project Settings**
- Ensure the project uses an MEP template.
- **Configure Cable Tray Settings** under MEP Settings, including angle defaults, bend...

Article Content

Feb 18, 2026

Revit 2018 Electrical cable trays not visible

Hi Working with Cable ways. *When i go to my floor plan to draw my cable tray from my "System tab" it doesnt show

Nov 01, 2025

Solved: Cable Tray Run schedule

Hello, I have read many posts about the cable tray run schedule not working but it still doesnt answer my question.

Nov 20, 2025

Error: Revit reports that a cable tray fitting is not loaded ...

Solution: To solve this issue: Duplicate another cable tray type (do not duplicate the type that doesn't work, as any

May 24, 2026

Cable trays NOT automatically connecting

The cable trays aren't connecting no matter what angle I try to connect them and I am presented with the following

Feb 12, 2026

Solved: Cable tray in section views

We are wanting to see a more accurate depiction of cable trays in our section views.

Oct 15, 2025

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

Jul 29, 2025

Cable tray (cable ladder))appearance in IFC

I've loaded cable tray families, making the default trays into ladders and everything was good until I noticed that IFC

Aug 09, 2025

Specific cable tray families are missing in Revit

Specific cable tray families are missing in Revit. They do not appear in the library. System families are predefined in

Aug 27, 2025

Cable Tray Dimensions not showing up on Ribbon.

Cable Tray Dimensions not showing up on Ribbon. Hi All, I am currently using a cable dado trunking system family in

May 21, 2026

Cable tray ladder fittings not visible in plan view in Revit

Issue: Users reported that cable tray Ladder-type fittings are not visible in the plan view and sections in Revit.

Nov 07, 2025

Display Cable tray fitting greyed out

In Revit 2016 - When we draw cable tray at the Floor level void, we could able to see cable tray correctly, but cable

Jun 10, 2026

Electrical Cable Tray Modelling in Revit From CAD Import ...

Electrical Cable Tray Modelling in Revit From CAD Import (Correct Way To insert CAD

Aug 21, 2025

Cannot Load Cable Tray Family

So I have a template that I work out of that has a single cable tray type loaded. I can load cable tray "Fittings "families

Dec 05, 2025

Cable tray not visible in plan region

Hi, I'm working with cable trays on Revit MEP 2017 and i have to draw a cable tray running at

Feb 26, 2026

Cable Tray Revit Families - Download Free Cable Tray BIM Content ...

From industrial cable management systems to office environments, houses of worship, and even performance venues, you can use

Feb 20, 2026

Solved: Cable Tray Types

How do you load different cable tray types in Revit 2016? Or does Revit 2016 only allow one type of cable tray? Before

Dec 13, 2025

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

May 23, 2026

Cable Tray problem

If "none" is the only selection available, then you need to load the cable tray fittings that you want into the project.

Mar 22, 2026

Cable Tray Error

The routing solution failed because there is no default fitting type specified or the fitting cannot be found in the project.

Oct 12, 2025

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

Jan 20, 2026

Specific Cable Tray Fitting Family not displayed in Revit ...

Issue: Specific Cable Tray Fitting Family is not displayed correctly in the Revit plan view. The same family can be

Oct 28, 2025

Missing Cable Tray systems in Revit

In Revit you can make for pipes and ducts a system, but this is not yet available for cable trays. Would be handy to

Jul 07, 2026

Cable trays sporadically disappear from views in Revit

Issue: Users reported that cable trays sporadically disappear from Revit views, while all other model elements are still

Nov 09, 2025

Revit keeps drawing a cable tray fitting after it is removed from the ...

Hi, I have this weird issue with cable tray fittings. Steps to reproduce: 1. Create a new project using electrical

May 26, 2026

Draw Cable Tray

On the ribbon, select placement options. In the drawing area, click to specify the start of the cable tray run, then move the cursor and

Jul 20, 2026

Modeling and Coordinating Cable Tray Systems in Revit for Electrical ...

Understand how to model a cable tray using the systems tab in the electrical section for effective coordination,

Feb 11, 2026

Cable Tray in Fabricated parts

Ok so playing with fabrication parts I noticed that cable tray is missing. As the cable tray in Revit doesn't work when

Jan 30, 2026

Cable Trays missing when linking IFC to Revit

Users reported that Cable Trays are missing when linking IFC to Revit 2021. The Cable Trays Fittings and other IFC

Jun 23, 2026

How to Add Cable Trays in Revit MEP: A Comprehensive Guide Using ...

Welcome to our step-by-step tutorial on adding cable trays in Revit MEP! In this video,

Mar 07, 2026

How to Add Cable Trays in Revit MEP: A Comprehensive Guide Using ...

In this video, we'll walk you through the entire process of integrating cable trays into your

Jun 06, 2026

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Jan 29, 2026

Setting IFC Material Overrides for Cable Tray and Conduit

To solve this, we need to generate materials based on the Service Type, then apply them via the

Jun 13, 2026

Introduce cables not just wires

REVIT have skipped modeling feeders for a long time, since 2018 version being able to connect two panels and adjust

Sep 02, 2025

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

Sep 22, 2025

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

Nov 29, 2025

Re: Cable trays not visually connected

Cable trays not visually connected Suddenly revit decided that cable trays no longer need visual connections. Has

Contact Us

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