

# Revit cable tray bend treatment



## Article Overview

Cable tray bends in Revit can be efficiently handled using standard elbow fittings, smart bend tools, or pre-made Revit families for precise modeling.

### Manual Bend Creation

In Revit, you can create cable tray bends by using standard elbow fittings, typically 45° or 90° angles. This involves placing two straight tray segments and connecting them with the appropriate elbow fitting to achieve the desired bend. This method is straightforward but may require careful alignment and adjustment in 3D views to ensure accuracy.

### Smart Bend Tools

For faster and more precise modeling, the GreaterBIM Smart Bend add-in allows you to bend cable trays in multiple directions (up, down, left, right) at standard angles such as 30°, 45°, 60°, and 90° directly in 2D and 3D views. This eliminates the need to cut sections or manually adjust tray segments, saving time and ensuring consistent results. It is particularly useful for MEP engineers, BIM coordinators, and modelers working on complex projects.

### Using Revit Families

Many manufacturers provide pre-made Revit families for cable tray bends and fittings. For example:...

## Article Content

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Modify a Cable Tray Size Delete a Cable Tray Size About Drawing Conduit Draw a Conduit Run Modify Conduit Changing the Bend

Help | About Cable Tray Options Bar Settings | Autodesk

Bend Radius. Specifies the bend radius for a cable tray fitting. The default bend radius is set to the width of the cable tray, measured

Cable Tray Fitting creation (Elbow Bend)

I've taken a look at this file, but it doesn't seem to work. Here is the simple solution  
Create two type : 90 elbow and 45

Cable tray fitting

Hi Guys, I want to create a cable tray fitting that has a large bend. In the pictures you could see that i won't fit exactly.

Cable Tray

Cable Tray eVolve Electrical has taken Revit's basic cable tray feature and enhanced it to load an advanced eVolve cable tray family

T& B Cable Tray Systems Design Tools | ABB Electrification Canada

Architects and engineers use Bentley files to design, build, and manage infrastructure projects of all sizes and complexities. T& B

Draw Cable Tray

A bend is automatically added to the segment as needed. Note: When you draw cable tray with fittings, connection lines for the

Cable Tray Placement Options

Automatically Connect: Lets you automatically connect to the snaps on a component when starting or ending a cable tray segment.

Cable Tray Fitting creation (Elbow Bend)

I am having a problem creating a cable tray fitting, I did the best I could (see attached), however still doesn't want to

BIMObject

Niedax provides you with free BIM objects in Revit format for download. You can use these to design buildings faster, smarter and in

Modify cable tray fittings in tight spaces

Modify cable tray fittings in tight spaces Any referenced datasets can be downloaded from "Module downloads" in the module overview.

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

Download cable tray BIM objects with BIMsmith Market. Cable trays help keep complex technology systems safe and secure without

Cable tray automatic connection.

Hello, For cable trays the used bend radius will affect the result, also if the offset difference is larger, it will create a 90

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

Running Horizontal Cable Trays flat against wall

Hi All I'm currently trying to run horizontal cable trays so that the back of the cable tray is flat against the wall and the

About Cable Tray Options Bar Settings

The default bend radius is set to the width of the cable tray, measured between the inside edges. You can specify a different

Change the Bend Radius for Cable Tray

For cable tray, the default bend radius is set to the width of the cable tray, measured between the inside edges. You can specify a

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

Appropriately insert horizontal cable tray bends for vertical tray ...

Appropriately insert horizontal cable tray bends for vertical tray fittings when required. While rare, I have encountered

## Contact Us

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