

How to bend BIM cable trays



Overview

Open the view where you want to place the cable tray. On the Options Bar, specify the width, height, offset, or bend radius. Bend cable trays in Revit with speed and accuracy using the GreaterBIM Smart Bend add-in. With GreaterBIM. Here is the simple solution Create two type : 90 elbow and 45 elbow In the real world, to make a 45 elbow, we need two segments, to make a 90 elbow, we need three segments I've also tried to use some geometry forms in revit but no hope. With its intuitive interface and robust features, Revit streamlines design, offering enhanced customization. You can specify a different multiplier for the bend radius in the Type Properties dialog for cable. Before bending a cable tray, it is crucial to prepare it properly. This involves a few essential steps to ensure a successful bending process.



Article Content

Nov 11, 2025

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 different multiplier for the bend

Jan 27, 2026

How to make a bend with a wire mesh cable tray

This video shows you how easily, you can form and bend a wire mesh cable tray from Siltec - suitable for cables and tubes. See how easy it is to cut away the...

Nov 20, 2025

Bending Cable Tray

Includes a full demonstration on how bend steel cable tray using a crimping to. You can buy a manufactured 90 degree bend or make one on a

Dec 19, 2025

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.

Mar 22, 2026

Cable trays: 3D models

Discover all CAD files of the "Cable trays" category from Supplier-Certified Catalogs SOLIDWORKS, Inventor, Creo, CATIA, Solid Edge, autoCAD, Revit and many more CAD software but also as STEP,

May 26, 2026

Cable trays

Download free Revit families and CAD files for the Cable trays from OBO Bettermann on MEPcontent.

Sep 10, 2025

BIM objects

Solar Project - Cable tray systems in common dimensions for design purposes. Revit file includes bends for cable tray types according to the Solar Project assortment.

Oct 20, 2025

T& B Cable Tray Systems Design Tools | ABB

Our lineup of aluminum, steel, stainless steel, and fiber glass cable trays and channels has been renowned throughout North America for decades. Below you

May 08, 2026

Revit Electrical Cable Tray & Conduits Training

Cable Tray Design: Creating cable tray layouts using different tray types and sizes. Modifying and customizing cable tray systems. Best practices for routing and organizing cable trays in a model.

Nov 06, 2025

how to bend cable tray 90 degree by 2 cuts professionally

how to bend cable tray 90 degree by 2 cuts professionally MR.PROJECT ENGINEER
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Cable Tray Bend | Information by Electrical Professionals for ...

There is no minimum radius bend for cabletray or low voltage conductors that I'm aware of in the NEC, unless the specific manufacturer establishes a minimum. NEC 392.18 (A) states that

May 12, 2026

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.

Nov 06, 2025

Draw Cable Tray

In the drawing area, click to specify the start of the cable tray run, then move the cursor and click to specify points along the run. A bend is automatically added to

Nov 02, 2025

T& B Cable Tray Systems Design Tools | ABB

T& B ® cable tray files for building information modelling (BIM) ABB is a leading force in the cable tray systems industry. We offer a wide range of products to meet the

May 14, 2026

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 connect automatically. please help !!

Nov 25, 2025

BIM objects

Cable Tray Bend - RBA Horizontal 45° elbow for Niedax Cable Tray. The Niedax Cable Tray is an extremely versatile and cost effective solution for your cabling

Mar 16, 2026

BIM objects

Download free BIM objects of Hoffman Enclosures for SketchUp, Autodesk, Revit, Vectorworks or ArchiCAD.

Apr 28, 2026

Cable tray 90-degree bend

Hello I am looking for a 90-degree cable tray bend as shown on the picture below: Any ideas where to get that from?

Oct 22, 2025

How To Bend Cable Tray

Discover the best techniques and tools to bend cable tray easily and efficiently. Learn step-by-step instructions and tips from industry experts.

Nov 06, 2025

Smart Cable Tray Bending in Revit | No More Sections with GreaterBIM

With GreaterBIM, you can bend cable trays up, down, left, and right at standard angles (30°, 45°, 60°, 90°) — all directly in 2D and 3D views. No more cutting sections or struggling with...

Sep 29, 2025

Master the Cable Tray Secret to Perfect Back of Bend ...

How to Master back of bend measurements on electrical Cable Tray. Make a 90 electrical cable tray bend to measurement with a gusset of your choice using one piece of tray.

Feb 16, 2026

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

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

Jan 26, 2026

TIPS HOW TO BEND CABLE TRAY USING X.80 FORMULA ANY

How to bend a cable tray bridge type • HOW TO BEND A CABLE TRAY BRIDGE TYPE/TAGALOG How to bend 11.25 degree of cable tray using x0.80 formula • HOW TO BEND 11.25 DEGREE...

Feb 13, 2026

Modeling cable tray horizontally

Make sure the split cable tray is removed. You can now nudge the individual cable trays and fittings into place and change the length using temporary dimensions.

Nov 19, 2025

How to fabrication 200 mm cable tray bend

Forming the Bend: Use a manual bender or press brake to bend each section slightly to form the required curve. Ensure uniform bending to maintain the tray's integrity and cable support.

Jul 20, 2025

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, we'll walk you through the entire process of integrating cable trays into your Revit MEP project using a ...

Sep 19, 2025

Can't create cable tray bends

I've set the Bend Radius to 300 mm but I just can't create any cable tray bending. How is it done? Error - cannot be ignored No auto-route solution was found.

May 01, 2026

Mesh trays

Revit Families for the OBO BETTERMANN mesh cable tray systems. This family pack is available for use in Revit only.

Apr 27, 2026

How to make a bend on an open cable tray

This video shows you how easy it is to form and bend an open cable tray from SILTEC - suitable for cables and pipes. See how easy it is to cut the threads away and bend the tray. For more details ...

Feb 09, 2026

Cable Tray Systems

Download quality free BIM & Revit Components for the Cable Tray System from voestalpine Metsec plc for free.

Aug 21, 2025

BIM objects

The Niedax Cable Tray is an extremely versatile and cost effective solution for your cabling needs. You can select from a wide rang of tray sizes, fittings and

Contact Us

For more information, pricing, or custom solutions, please contact us:

Website: <https://moletenare-ew.co.za>

Email: info@moletenare-ew.co.za

Phone: +86 138 1658 3346

Address: Ningbo, China

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