

Cable tray rotates and tilts downwards



Overview

Cable sag results from incorrect spacing of cable tray supports or from employing the incorrect tray type that is, light-duty perforated trays in high-load applications. Complicating the problem are overloaded trays and large unsupported spans. Sagging causes tension at connection. As you can see from the image illustrated below ☐☐ I have a set of cable tray run in my model which I need to change their rotation by 180 degrees. Also, is it possible to place a new cable trays inverted in such a way that the bottom of the cable tray is upside?

I welcome any ideas or suggestions. The normal of a line tells Revit where the Cable Tray should be facing and since a vertical line doesn't have a good normal, Revit uses a Default direction (facing north). A quick and dirty solution is to make the vertical line slightly slanted: I would be nice for. However, Cable Trays do have certain limitations in that the channel shape can only be set to a horizontal aspect where the bottom edge runs parallel to its supports. I don't have any part numbers off the top of my head. Most of them tend to be some sort of vertical rail with hooks attached in which the cable hangs.



Article Content

Hot

Cable Trays Installed Vertical In A Different Manner | Eng-Tips

But since the cable ties are not needed to maintain cable position, they don't tend to get over tightened by gorilla installers. If you just turn a horizontal tray on its side, the ties are all that

Nov 06, 2025 Hot

Help Needed with Vertical Cable Tray Orientation in Revit

I'm trying to draw a vertical cable tray in Revit. After adjusting the section, rotating the trunking, and placing it vertically, any attempt to modify it (like extending the trunking or adding

Oct 17, 2025 Hot

Rotate cable tray

Hey Is there an option to rotate an cable tray by degrees, i want this cable tray upside down. or turned by 180°. Thanks in advance.

Jun 05, 2026 Hot

How to Fix Common Cable Management Issues using

Discover common cable management problems and how cable tray accessories effectively solve them to ensure safety and performance.

Aug 24, 2025 Hot

Rotate or Place Inverted Cable Tray

The ceiling void where the cable trays would be located is very very shallow so for maintenance purposes the engineers have decided to invert the trays in that section then fix it to the

May 15, 2026 Hot

Cable Trays Installed Vertical In A Different Manner | Eng-Tips

This may sound dumb, but it happens when somebody non-electrical plays electrical. We have been routing our cable trays horizontally along the conveyors as per code and standard

May 03, 2026 Hot

How to Fix Common Cable Management Issues using

This comprehensive guide investigates the most frequent wire management challenges faced in real-world setups and demonstrates how the

Jan 18, 2026 Hot

Cable tray rotation

Hello guys, I just need to rotate my cable tray but the geometry.Rotate doesn't accept cable trays. Can you help me ? Sincererly yours, Quentin

Oct 27, 2025 Hot

How to create vertical cable tray in Revit

How to create a vertical cable tray in Revit to match the one shown in the image: This can be done with the free Revit MEP Fabrication extension. Use

Dec 30, 2025 Hot

unsupported conductors in cable tray snapping

This totally seems to be a fever dream, but I thought during my apprenticeship i saw a video of a cable in a cable tray snapping or jumping up from being over loaded and it was shown

Oct 20, 2025 Hot

Modeling cable tray horizontally

Start the Cable Tray Fitting command again and place the fitting in the view where it isn't touching anything. Use the rotate controls on the fitting to rotate it around until you see the ladder side, as

Dec 01, 2025 Hot

Get the rotation of a cable tray

I have written a script that places hangers on a cable tray. It works fine as long as the cable tray is horizontal. I want the hanger family to line up with the

Jul 16, 2025 Hot

Revit Recess: Vertical Cable Tray Orientation

Vertical Cable Tray Orientation A Revit Electrical discipline wish that has been on the list for quite a few years, is to draw vertically oriented cable trays. Natively, this is

Apr 30, 2026 Hot

Cable Tray from Steelcase that Rotates/ Folds Down-Up to ...

My first thought: Will this work with my Uplift Desk, or is it too big (width wise) to fit underneath? My plastic tray organizer broke and this seems like a great replacement.

Jun 13, 2026 Hot

Common Cable Tray Failures and How to Resolve Them

Learn about common cable tray failures, their causes, and practical solutions for ensuring the longevity and safety of your cable tray system, including

Dec 04, 2025 Hot

Solved: Cable Tray Orientation

Does anyone know how to place cable tray on a wall so that the open end of the tray is facing into the room? I have tried inserting a fitting first, rotating that so it is facing the right way and

Aug 28, 2025 Hot

Vertical cable tray loaded in wrong direction

Hello. I loaded cable tray data (start & end point) from PDMS and created on Revit through Dynamo and I thought that I made it until I found some

Aug 29, 2025 Hot

How To Fix A Sagging Monitor Mount

I purchased a monitor mount that specified ultrawide compatibility in my size and weight, and I still have the tilt issue. I ended up tightening the tilt screw super

Apr 28, 2026 Hot

B-Line series Cable Tray Design Considerations

As an industry leader in cable tray, Eaton offers one of the widest ranges of cable management solutions available in the market today with its B-Line series portfolio. With unmatched quality and service, we

Oct 15, 2025 Hot

Revit Recess: Vertical Cable Tray Orientation

The workaround to the problem above, is to first place a cable tray fitting at the correct elevation, even before drawing the cable tray route. Rotating the cable

Aug 08, 2025 Hot

Cable Tray from Steelcase that Rotates/ Folds Down-Up to ...

Cable Tray from Steelcase that Rotates/ Folds Down-Up to Expand-Contract/Retract - Any such designs to get ideas from? Plan to DIY similar with custom Size/ Shape. Open to inputs/ ideas/ experiences.

Mar 07, 2026 Hot

Revit Tip – Creating "Rotated" Cable Tray using a Face-Based family

A face-based family will host onto any surface and will enable the cable tray to follow a wall length or follow its height direction with the simple pressing of the space bar key.

Mar 10, 2026 Hot

Vertical cable tray loaded in wrong direction

The normal of a line tells Revit where the Cable Tray should be facing and since a vertical line doesn't have a good normal, Revit uses a Default

Jun 09, 2026 Hot

Rotating horizontal cable tray to be ran vertically. : r/Revit

Anyone have a solution to rotating horizontal tray so it can be ran vertically? We've been asking for 13 years now, still no way to do it (that I'm aware of). Any suggestions? A trick I sometimes do when I

Nov 21, 2025 Hot

Rotate or Place Inverted Cable Tray

Not sure why you'd want upside down cable tray, but you can place one then mirror it in section: Unfortunately for this situation, when you copy another one or use trim command the cable tray

Oct 04, 2025 Hot

Wall mounted Cable Tray

Hey everyone need some help with the below, I've been given a wall-mounted cable tray to extend, but I'm running into an issue. When I try to draw a

Jun 02, 2026 Hot

Rotate or Place Inverted Cable Tray

Hi All, As you can see from the image illustrated below I have a set of cable tray run in my model which I need to change their rotation by 180 degrees. Also, is it possible to place a new cable

May 20, 2026

Contact Us

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

Website: <https://eedenmarketing.co.za>

Email: info@moletenare-ew.co.za

Phone: +86 138 1658 3346

Address: Ningbo, China

This document is for informational purposes only. Specifications subject to change without notice.

