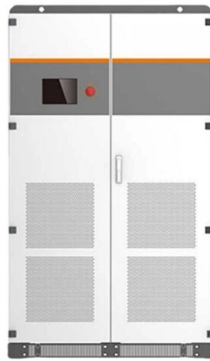


How to flip the cable tray downwards



Overview

It is not possible to rotate cable tray about its cross-section axis, but with beams you can. Whilst this can be achieved with structural beam elements, this cannot be achieved with the out of the box cable tray families. Placing channel cable trays upside down is also desirable, I have seen some constructions using this positioning, mainly for small size ones. 07-20-2016 09-10-2016. 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. Document, a second generation API automatically generated. Rotating horizontal cable tray to be ran vertically. Any suggestions?

A trick I sometimes do when I need a family to be able to be oriented.



Article Content

Feb 16, 2026

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.

Sep 25, 2025

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 tray elbow will allow you to then specify the ...

Aug 30, 2025

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 cable tray. How do I get the ...

Mar 26, 2026

Flip Tray with Smart Tray

With Smart Tray you can flip the straight trays to change length from their opposite end, you can also flip the bends which are upside down.

Dec 31, 2025

Draw Wall Mounted Cable Tray In Revit

Draw cable tray in plan. Look at cable tray in section or elevation that looks at its side. Use the rotate command to rotate the element vertically.

Feb 10, 2026

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

Rotating horizontal cable tray to be ran vertically. 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). ...

Jul 26, 2025

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

In this video, we're going to go ahead and start setting up some cable tray. So I'm currently on my Ceiling Plan Level 1, and we're going to go ahead and run some cable tray through ...

Apr 07, 2026

Rotate horizontal cable tray sections

Allows to rotate the cable trays in a horizontal section, so we can place horizontal cable trays with the bottom facing a wall. Placing channel cable trays upside down is also desirable, I have seen some ...

Jul 19, 2026

Cable Trays

When routing the cable trays, some components are likely to be routed upside down due to limitations in Plant 3D. However, the Flip Tray command solves this problem easily. Simply select ...

Sep 22, 2025

Cable Tray Orientation and Fittings

The problem comes when creating the cable trays in different planes, because then the cable trays are not oriented appropriately well by default by the creation methods, and there is no way to specify ...

Contact Us

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