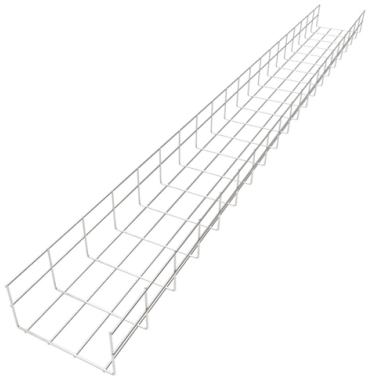
ZITHA TECH SPECIALTY CABLES (Pty) Ltd

Cable tray flipped upwards



Overview

Rotating horizontal cable tray to be ran vertically. Anyone have a solution to rotating horizontal tray so it can be ran vertically?

Key Takeaways

Cable trays can be flipped or inverted using software-specific functions like Smart Tray's flip commands, mirrored sections in Revit, or by creating face-based families for custom orientation.Using Smart Tray

Smart Tray allows you to flip a straight cable tray by 180 degrees, which swaps the first and second ports without changing the tray length. This is particularly useful if you want to adjust the length from the opposite end or correct upside-down bends. The function FLIPTRAYBEND can also flip bends that are incorrectly oriented, ensuring proper alignment with connected pipes or trays .

Revit Workarounds

Revit does not natively allow cable trays to be inverted upside down. However, there are several workarounds:

• Mirror in Section: Place the tray normally, then create a section view and mirror the tray using a reference line. Note that after trimming or copying, the tray may revert to its default orientation, so repeated mirroring may be necessary .

© 2026 ZITHA TECH SPECIALTY CABLES (Pty) Ltd - All rights reserved

• Vertical or Rotated Trays: For vertical or non-horizontal orientations, you can use MEP Fabrication Parts or create a face-based family. A face-based family allows the tray to attach to any surface and follow walls or ceilings, effectively enabling upward or rotated placement .

• Model-in-Place Version: In situations with shallow ceiling voids, engineers sometimes create a model-in-place tray to fix it to the underside of a slab, bypassing the default orientation limitations .
Best Practices
• Ensure the correct template and MEP settings are used in Revit to avoid conflicts with automatic tray routing .

• Load the appropriate fitting families early to maintain proper connectivity when flipping trays or bends.

• Use locked reference planes and extrusion profiles in face-based families to control tray geometry and orientation precisely . By combining these methods, you can effectively flip cable trays upwards or adjust their orientation to meet design and installation requirements.

Article Content

Rotate or Place Inverted Cable Tray

Unfortunately for this situation, when you copy another one or use trim command the cable tray keeps going right-side

Solved: Cable Tray Orientation

Our electrical users have the following issue: They have been requested to draw cable trays to mount in the vertical

Resources for Cable tray and ladder systems

Our cable tray design considerations guide details key factors to consider when designing cable tray systems for industrial and

I''m an apprentice and my boss told me to tie these cables to the tray ...

I''ve seen tray installed upside down but never used upside down. You may see a random cable here and there tied to

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

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

© 2026 ZITHA TECH SPECIALTY CABLES (Pty) Ltd - All rights reserved

Rotating horizontal cable tray to be ran vertically. Anyone have a solution to rotating horizontal tray so it can be ran vertically? We''ve

How to Fix Common Cable Management Issues using

This comprehensive guide investigates the most frequent wire management challenges

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

B-Line series Cable Tray Design Considerations

Our wind certification report provides you with list of acceptable B-Line series cable tray supports, fittings and covers based off of the

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

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

How to Install Cable Tray: A Comprehensive Guide to Different Cable ...

Welcome to our step-by-step guide on installing cable trays! In this video, we''ll explore the

Complete cable tray manual for electrical engineers and designers

The final drawings for a cable tray wiring system may be completed and sent out for bid or construction more quickly

Cable Management Flip Cover

UP YOUR CLUTTER-FREE GAME FOR YOUR WORK SPACE The cable management duct tray and flip

Common Cable Tray Failures and How to Resolve Them

Learn about common cable tray failures, their causes, and practical solutions for ensuring

Common Issues in Steel Cable Tray Installations & Troubleshooting

© 2026 ZITHA TECH SPECIALTY CABLES (Pty) Ltd - All rights reserved

This article delves into typical troubleshooting scenarios encountered with cable tray systems, highlighting practical

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.

Cable Management Flip Cover Box | Ergoworks Singapore

Ergoworks Cable Management Box is a stylish and practical solution to keep your workspace tidy and safe. Crafted from fire

Installation Of Cable In Cable Trays: NEC, Safety

Installation of Cable in Cable Trays ensures proper routing, cable management, NEC compliance, grounding, fire safety, and load

Cable Tray SHIB NAL

Cable trays are not raceways, but they are treated as a structural component of a facility''s electrical system. Cable trays are a part of

Solved: AutoCAD MEP Cable Tray Insert

Trying to learn how to use AutoCAD MEP for electrical 3D modeling. While inserting cable tray fitting within a run

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

AEONS Under Desk Cable Management Tray Kit

Whether you''re setting up a home office or upgrading a corporate space, this cable management tray is the perfect blend of

Resources for Cable tray and ladder systems

Submittals for cable ladder and tray Eaton''s submittal builder tool for B-Line series cable ladder and tray allows you to easily filter,

Solved: AutoCAD MEP Cable Tray Insert

Trying to learn how to use AutoCAD MEP for electrical 3D modeling. While inserting cable

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

© 2026 ZITHA TECH SPECIALTY CABLES (Pty) Ltd - All rights reserved

Rotating horizontal cable tray to be ran vertically. Anyone have a solution to rotating horizontal tray so it can be ran vertically? We''ve

AEONS Under Desk Cable Management Tray Kit

Whether you''re setting up a home office or upgrading a corporate space, this cable management tray is the perfect blend of

Resources for Cable tray and ladder systems

Submittals for cable ladder and tray Eaton''s submittal builder tool for B-Line series cable ladder and tray allows you to easily filter,

Master Cable Tray Installation: A Professional Step-by-Step Guide for ...

Learn how to install cable trays for large-scale projects with our professional, step-by-step guide covering industry

Cable Management Flip Cover – 4 Sockets

Available in 3-sockets and 4-sockets versions. UP YOUR CLUTTER-FREE GAME FOR YOUR WORK SPACE The cable

Flip-Up Boxes Singapore | FAM Solutions Pte Ltd

FAM Solutions offers flip up boxes in Singapore that are perfect for keeping cables and wires organised at your workstation. Browse

Best Practice Guide to Cable Ladder and Cable Tray Systems

This guide covers cable ladder systems, cable tray systems, channel support systems and associated supports intended for the

Best practice guide to cable ladder and cable tray systems

Cable ladder and cable tray systems The following recommendations are intended to be a practical guide to ensure

Tray to Tray Cable Drop

What is the maximum distance allowed by code for a cable drop from one cable tray to another? 1.) Cables are 3 -

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

B-Line series Cable Tray Design Considerations

© 2026 ZITHA TECH SPECIALTY CABLES (Pty) Ltd - All rights reserved

As an industry leader in cable tray, Eaton offers one of the widest ranges of cable management solutions available in the market

Cable tray manual

The standard lengths for cable trays are 10, 12, 20 and 24 feet - up to 40 foot lengths are available (consult B-Line for the availability

Cable tray wrong direction bug

This is most certainly a bug. Cable trays have no directions. Every direction should be a correct direction. Are there any

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

How to Install Cable Tray: A Comprehensive Guide to Different Cable ...

Welcome to our step-by-step guide on installing cable trays! In this video, we''ll explore the

Complete cable tray manual for electrical engineers and designers

The final drawings for a cable tray wiring system may be completed and sent out for bid or construction more quickly

Cable Management Flip Cover

UP YOUR CLUTTER-FREE GAME FOR YOUR WORK SPACE The cable management duct tray and flip

Common Cable Tray Failures and How to Resolve Them

Learn about common cable tray failures, their causes, and practical solutions for ensuring

Common Issues in Steel Cable Tray Installations & Troubleshooting

This article delves into typical troubleshooting scenarios encountered with cable tray systems, highlighting practical

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.

Cable Management Flip Cover Box | Ergoworks Singapore

© 2026 ZITHA TECH SPECIALTY CABLES (Pty) Ltd - All rights reserved

Ergoworks Cable Management Box is a stylish and practical solution to keep your workspace tidy and safe. Crafted from fire

Installation Of Cable In Cable Trays: NEC, Safety

Installation of Cable in Cable Trays ensures proper routing, cable management, NEC compliance, grounding, fire safety, and load

Cable Tray SHIB NAL

Cable trays are not raceways, but they are treated as a structural component of a facility''s electrical system. Cable trays are a part of

Solved: AutoCAD MEP Cable Tray Insert

Trying to learn how to use AutoCAD MEP for electrical 3D modeling. While inserting cable tray fitting within a run

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

AEONS Under Desk Cable Management Tray Kit

Whether you''re setting up a home office or upgrading a corporate space, this cable management tray is the perfect blend of

Resources for Cable tray and ladder systems

Submittals for cable ladder and tray Eaton''s submittal builder tool for B-Line series cable ladder and tray allows you to easily filter,

Rotate or Place Inverted Cable Tray

Unfortunately for this situation, when you copy another one or use trim command the cable tray keeps going right-side

Solved: Cable Tray Orientation

Our electrical users have the following issue: They have been requested to draw cable trays to mount in the vertical

Resources for Cable tray and ladder systems

Our cable tray design considerations guide details key factors to consider when designing cable tray systems for industrial and

I''m an apprentice and my boss told me to tie these cables to the tray ...

© 2026 ZITHA TECH SPECIALTY CABLES (Pty) Ltd - All rights reserved

I''ve seen tray installed upside down but never used upside down. You may see a random cable here and there tied to

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

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

How to Fix Common Cable Management Issues using

This comprehensive guide investigates the most frequent wire management challenges

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

B-Line series Cable Tray Design Considerations

Our wind certification report provides you with list of acceptable B-Line series cable tray supports, fittings and covers based off of the

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

Rotate or Place Inverted Cable Tray

Unfortunately for this situation, when you copy another one or use trim command the cable tray keeps going right-side

Solved: Cable Tray Orientation

Our electrical users have the following issue: They have been requested to draw cable trays to mount in the vertical

Resources for Cable tray and ladder systems

Our cable tray design considerations guide details key factors to consider when designing cable tray systems for industrial and

I''m an apprentice and my boss told me to tie these cables to the tray ...

© 2026 ZITHA TECH SPECIALTY CABLES (Pty) Ltd - All rights reserved

I''ve seen tray installed upside down but never used upside down. You may see a random cable here and there tied to

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

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

How to Fix Common Cable Management Issues using

This comprehensive guide investigates the most frequent wire management challenges

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

B-Line series Cable Tray Design Considerations

Our wind certification report provides you with list of acceptable B-Line series cable tray supports, fittings and covers based off of the

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

Related Video Reference

This video was associated with the source search result. Verify technical details against current product documentation and project requirements.

© 2026 ZITHA TECH SPECIALTY CABLES (Pty) Ltd - All rights reserved

Contact Us

Continue your research online:

Website: https://zithatech.co.za
Technical inquiry: https://zithatech.co.za/contact.html

This document is for preliminary research. Verify specifications against current standards, product documentation and project requirements.

© 2026 ZITHA TECH SPECIALTY CABLES (Pty) Ltd - All rights reserved