

The cable tray is shown as a dashed line



Article Overview

A dashed line for a cable tray typically indicates that the tray is hidden, not physically visible in the current view, or represents a non-primary or optional path in the diagram.

Interpretation in Electrical and Mechanical Drawings

In electrical schematics or wiring diagrams, a dashed line often represents a hidden, optional, or signal/control connection rather than a main power line. This can include wires or components that are not physically visible in the current view, such as internal connections within a panel or a circuit board . Similarly, in mechanical or MEP drawings, a dashed line for a cable tray usually indicates that the tray is behind other elements, above or below the cut plane, or otherwise not directly visible in the section or plan view .

CAD and Revit Considerations

In CAD software like Design Master Electrical, dashed lines can be applied to conduits and cable trays to indicate hidden or secondary paths. This involves setting the layer linetype to dashed and ensuring the main conduit layers are set not to plot, while hidden layers display the dashed style . In Revit, cable trays may appear as dashed lines in section or plan views when the rise/drop symbol graphics hide the edges of the tray. Adjusting visibility settings or turning off rise/drop symbols can make the tray edges visible for dimensioning or detailed representation .

Practical Implications...

Article Content

May 06, 2026

Solved: Cable tray line in Floor Plan

Solved: Can anyone tell me what this line is in the cable tray and how to possibly remove it from the drawing?

May 13, 2026

TrayCAD User Manual: Cable Tray Design with AutoCAD

Please see the latest B-Line Cable Tray catalog "Cable Tray Section" for more information. • Cover Type - Allows user to select

Jan 06, 2026

"Electrical Cable Tray Layout Legend,Notes,References and ...

NOTES: - (CONTINUES) 13. ALL INSTRUMENT TRAYS TO DE LAITER TYPE (WITH A SOLID AD FISTABLA HORIZONTAL

Nov 23, 2025

Am I right in saying the cable with the dashed line is the ...

I think you are right that the marked wire should be minus, but there is no way to be sure without a meter. My reasoning is twofold,

Feb 28, 2026

Cable tray

In the electrical wiring of buildings, a cable tray system is used to support insulated electrical cables used for power distribution,

Jul 26, 2026

Electrical Cable Tray Layout Drawing

It shows the locations of various transformers, rooms, and equipment at different elevations in the room. Key elements include

Sep 06, 2025

Solved: Cable tray in section views

We are wanting to see a more accurate depiction of cable trays in our section views. Currently the cable tray appears

Apr 08, 2026

How to Make Dashed Conduits & Cable Trays

You can set your conduits and cable trays to be drawn with dashed lines using the Layers customization command.

Oct 11, 2025

To Specify Annotation for Cable Tray

To specify a cable tray pattern, under Cable Tray Pattern, select a type of line pattern, and enter a value for Spacing. To assist you,

Oct 14, 2025

Cable trays and ducts

The Cable trays - general views command allows to insert single trays or ducts to the drawing. After running the command user has

Aug 17, 2025

Background Theory > Schematic Design > Graphics in Schematics > Line

Solid Lines: Solid lines are the default and most commonly used line style in schematic diagrams. They represent regular electrical

Oct 23, 2025

In electrical or electronic schematics, what do dashed lines ...

Dashed lines do not represent current flow or electrical connectivity; solid lines are used for actual electrical

Oct 02, 2025

Cable Tray Installation CAD Blocks | DWG Electrical Layout

Download a comprehensive set of Cable Tray Installation CAD Blocks in DWG format, ideal for electrical engineers, MEP designers,

Jun 26, 2026

Electrical Cable Tray Layout DWG with Building Site Plan

This AutoCAD electrical layout drawing provides a complete visualization of cable routing, equipment positioning, and floor

Jun 06, 2026

Draw cableways

With this function, you can draw various types of cableways, cable trays, contact rails, wire ducts, busbars, pipes, etc. You can

Jan 22, 2026

Complete cable tray manual for electrical engineers and designers

How to design cable tray? Most projects are roughly defined at the start of cable tray design. For projects that are not

May 07, 2026

Cable trays and ducts

Cable trays and ducts In CADprofi program it is possible to create plans and installations cross-sections that include trays, ducts and

Apr 12, 2026

Hey everyone what do the dashed oval shaped lines mean? : r ...

Shields. Metal braid or foil that surround the wire bundle. Where you see two side by side on the same cable, they represent shield

May 24, 2026

How to Draw a Cable Tray in AutoCAD: Step-by-Step Guide

In this article, you'll learn how to accurately create a cable tray drawing in AutoCAD, which is crucial for ensuring

Nov 29, 2025

On a electrical diagram a dashed line indicates?

On an electrical diagram, a dashed line typically indicates a connection that is not physically present or is not visible,

Dec 18, 2025

Decoding Wiring Diagram Symbols

Here are some basic electrical wiring diagram symbols explained: Lines: Lines in an electrical wiring diagram represent electrical

Sep 05, 2025

Reading Electrical Schematics

Figure 14 (A) shows a simple schematic containing a coil (M1) and its contact. If space permits, the relationship may be

May 18, 2026

Cable Tray Layout and Design Standards

This document provides guidelines for cable tray layout and designations. It includes diagrams of typical cable tray layouts and

Contact Us

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

Website: <https://www.greatpremiersolutions.co.za>

Email: sales@greatpremiersolutions.co.za

Phone: +27 82 914 3675

Address: Unit 5, Silicon Heights, 22 Electron Avenue, Cape Town, 8001, South Africa

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