How to display cable tray tees in CAD



Overview

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

Key Takeaways

Cable tray tees can be displayed in CAD by using dedicated cable tray tools or inserting pre-made CAD blocks for T-junctions.Using CAD Tools to Draw Cable Tray Tees

In software like AutoCAD MEP, you can create cable tray tees directly in the Electrical workspace:

• Go to the Home tab → Build panel → Cable Tray tool.

• Use the Add Cable Trays dialog box to define the system type (e.g., Power - 120V, Data) and set properties such as elevation, offset, and rise/run angles .

• Draw the main cable tray run first, then add a perpendicular branch to form a T-junction. The software automatically inserts the appropriate tee fitting.

• Adjust the tee's alignment and elevation using grips or the Properties palette to ensure proper connection with the main and branch runs .
Using CAD Blocks for Cable Tray Tees

If you prefer a faster method, you can use pre-made CAD blocks:

• Download cable tray tee blocks in DWG format from resources like LineCAD or PinCad .

• Insert the block into your drawing at the desired location.

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• Rotate and align the tee to match the main cable tray run.

• Tee covers can also be added as separate blocks to protect the junction .
Tips for Accurate Display
• Ensure the tee size matches the main and branch tray widths.

• Use layer management to differentiate cable tray types and tees for clarity in construction or coordination drawings.

• For 3D modeling, CAD libraries like TraceParts provide 3D models of cable trays and tees compatible with AutoCAD, Revit, and other software .

• Always check that the elevation and slope of the tee branch are consistent with the main run to avoid clashes in MEP coordination . By combining built-in CAD tools with pre-made blocks, you can efficiently display cable tray tees in both 2D and 3D drawings, ensuring accurate representation and easier project documentation.

Article Content

Cable trays in AutoCAD | CAD download (970.3 KB) | Bibliocad

Tray installation details for the location of a project''s electrical wiring; in addition to blocks with different angles that allow the wiring

Related Video Reference

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