

CAD cable tray styles



Article Overview

Cable tray style settings in AutoCAD allow you to define connection types, dimensions, materials, and annotation patterns to ensure accurate and standardized electrical designs.

Configuring Cable Tray Connections

In AutoCAD MEP, you can manage how cable trays connect to each other and to fittings:

- **Connect with Cable Tray:** Select Use Fitting to automatically insert a fitting when connecting two tray segments, or clear it to connect directly without a fitting.
- **Connect with Elbow:** Select Use Tee to replace an elbow with a tee automatically, or clear it to connect directly.
- **Connect with Tee:** Select Use Cross to replace a tee with a cross automatically, or clear it to connect directly. These settings can be previewed in the software to visualize the type of connection before placement.

Defining Cable Tray Parameters

When modeling cable trays in AutoCAD Plant 3D:

- Use the Type Selector to choose the tray type, including options with or without additional fittings.
- Specify dimensions such as width, height, bend radius, and offsets in the Options Bar to fit the tray in the designated space.
- Adjust material properties through the Material dialog to define default materials for the tray or assign them to existing 3D routes.

Article Content

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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,

CAD Forum

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About Cable Trays and Conduits

To add cable trays and conduits to a drawing, you draw the main runs, locating the risers. As you draw cable tray or conduit runs,

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