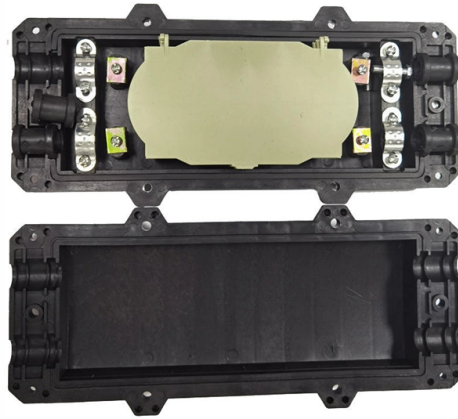


Loading cable trays in Revit



AI Overview

Cable trays in Revit are system families, so you cannot load them like regular families; instead, you set them up using the correct MEP template, configure settings, and load the necessary fittings. Start With the Correct Template To work with cable trays, always start a new project using an MEP template rather than an architectural template, as architectural templates may lack cable tray content and fittings. If you already have a project, you can transfer project standards from a file that contains the desired cable tray types. Understanding Cable Tray Families Cable trays in Revit are system families, similar to ducts or pipes, which means you cannot load them directly from the library. You can, however, load fittings (elbows, tees, crosses) and duplicate existing cable tray types to create new configurations. Use the Families > Cable Trays category, right-click an existing tray, select Duplicate, and then assign the desired fittings. Setting Up Cable Tray Parameters Before placing trays, configure the Cable Tray Settings in the MEP Settings menu. Key parameters include: Width and height of the tray Offset from reference level Bend radius for elbows Type selectors for trays with or without fittings Adjusting these settings ensures that Revit automatically generates fittings when trays intersect or change direction. Placing Cable Trays Open a floor plan or ceiling plan view. Select the Cable Tray tool from the Systems tab. Click to start the tray run and continue along the desired path. Revit will auto-generate elbows and tees if the correct fittings are loaded. Modify the elevation and routing behavior in the properties palette as needed. Importing CAD Files (Optional) If you have existing CAD cable tray layouts, you can import them into Revit and then model the trays using Revit's tools. After import, set up parameters, create bends, intersections, and add accessories like junction boxes or couplings. Best Practices Load all necessary fitting families early to avoid routing issues. Use Transfer Project Standards to bring cable tray types from other projects if your template lack...

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4. Cable Tray Fittings When drawing trays that intersect or change direction, Revit will auto-generate fittings (elbows, tees, crosses) based on the project settings. Emphasizes the importance of loading

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The Niedax Cable Tray is an extremely versatile and cost effective solution for your cabling needs. You can select from a wide range of tray sizes, fittings and accessories in various material thicknesses and

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