

Article Overview

Ladder cable trays are available in a variety of metallic and steel designs, with CAD and 3D models accessible for engineering and installation purposes.

Overview of Ladder Cable Trays

Ladder cable trays are designed to support and route electrical cables in industrial and commercial installations. They consist of two side rails connected by rungs, providing strength, ventilation, and easy cable access. They are commonly made from steel, stainless steel, or aluminum, and can include straight sections, horizontal and vertical fittings, covers, splices, and supports to accommodate complex routing requirements .

Available Models and CAD Resources

- o TraceParts offers a wide range of CAD files for ladder cable trays compatible with SOLIDWORKS, Inventor, Creo, CATIA, Solid Edge, AutoCAD, Revit, and neutral formats like STEP, STL, IGES, DWG, DXF . These models are suitable for integration into 3D design and BIM workflows.
- o Legrand provides a collection of metallic ladder trays with detailed 3D drawings, including straight sections, horizontal and vertical fittings, and accessories. Users can filter by height, width, and material to select compatible components .
- o Eaton's B-Line series offers ladder cable tray systems with a focus on strength-to-weight ratio and cost efficiency. Their submittal builder tool allows engineers to filter, select, and download straight sections, fittings, and accessories in nearly 100 CAD, BIM, and graphics formats .
- o Sketchfab hosts standard steel ladder-type cable tray 3D models in formats like SolidWorks, IGES, STEP, STL, OBJ, FBX, and 3MF, suitable for AR visualization and design integration .
- o GrabCAD Library provides a community-driven collection of free ladder-type cable tray CAD models, allowing users to download and incorporate them into their projects .

Key Considerations

- o Material and Finish: Choose based on environmental conditions (e.g., stainless steel for corrosive environments).
- o Dimensions: Heights, widths, and rung spacing affect cable capacity and load rating.
- o Fittings and Accessories: Horizontal and vertical bends, splices, and covers are essential for complex installations.
- o Software Compatibility: Ensure CAD models are compatible with your design software for seamless integration. These resources provide engineers and designers with ready-to-use models for planning, simulation, and installation of ladder cable tray systems in industrial and commercial projects.



Ladder Cable Tray Series Models

Imperial cable tray and ladder Eaton's B-Line series imperial cable tray system is designed to significantly

Power-Tray Aluminum is a versatile "ladder" style cable tray system available in a broad range of NEMA and CSA Load classes.

Truong Giang Electric manufactures cable ladder, tray, and trunking products in various standard sizes and configurations from

Ladder Trays Ladder 3D Drawings Explore our full collection of Metallic Ladder 3D Drawings, including horizontal fittings, vertical

Browse our T&B galvanized metallic cable tray systems. More adaptable and easier to maintain than conduit pipe,

Delivering engineered solutions in cable management ABB manufacturers a comprehensive range of cable tray systems and

B-Line Series Werner Electric Supply Company Website Cable Trays & Struts Cable Trays Ladder Cable

Steel Ladder System Hubbell's NEXTFRAME®; Ladder Tray is the effective and widely used cable runway that supports and delivers

It's Cable Tray - Reinvented Itray Ladder Cable Tray is engineered to simplify every stage of the job, from

Steel straight ladder tray sections with 6" side rails, available in 6"-36" widths and 10"-24" lengths. Compliant with NEMA 12C, 20B,

Cable ladder systems and cable tray systems are designed for use as supports for cables and not as enclosures giving full

Is your cable tray system optimized for safety, dependability, space and cost savings? Cable tray (or cable ladder) systems are a

Cable tray system components and cable ladder tray system components have been declared electrically non conductive. An overall

Eaton's B-Line series metallic cable ladder systems are designed to provide superior strength to weight

As the industry leader in cable tray, Eaton offers one of the widest ranges of B-Line series cable



Ladder Cable Tray Series Models

Cable Ladder Trays (Welded & Swaged) Cable Ladder Trays, are designed to meet most requirements of cable and electrical wire

Web: <https://morwarreconst.co.za>

