

DIY Irregularly Shaped Cable Trays



AI Overview

Irregularly shaped cable trays can be created by carefully bending, cutting, and reinforcing trays to fit complex layouts while maintaining cable safety and structural integrity.

Understanding Cable Tray Types

Different cable tray types respond differently to shaping:

- Wire Mesh (Basket) Trays: Highly flexible and ideal for custom bends and irregular paths .
- Ladder Trays: Strong and ventilated, suitable for long spans but require precise bends for irregular shapes .
- Solid or Perforated Trays: Less flexible; shaping often requires cutting and joining sections . Choosing the right tray type is essential for ease of bending and installation.

Types of Bends for Irregular Shapes

To navigate obstacles or follow complex architectural layouts, several bends are commonly used:

- Horizontal Bend: Changes the tray direction along a horizontal plane, typically 30-90° angles. Ideal for corners or rerouting around walls .
- Vertical Inside Bend: Moves the tray upward within a vertical plane, useful for transitioning from floor to ceiling or around columns

Article Content

Feb 28, 2026

CABLE TRAY SYSTEMS GUIDE

Cable Tray Systems Guide HUBBELL Hubbell Wiring Device-Kellems and Hubbell Premise Wiring are divisions of Hubbell

Oct 30, 2025

Make a 90 Bend in Electrical Cable Tray

How to make a 90 electrical cable tray bend to measurement of your choice. Great if you

Aug 25, 2025

Master Cable Chaos with DIY Basket Tray Cable Management: A

Discover the art of DIY basket tray cable management and transform your space into an organized haven. Learn

Jan 21, 2026

Cable Tray Types & Installation Guide | Enagalxy

Learn cable tray types, uses, and installation basics to support safe, efficient electrical and water supply pipe systems in your project.

Sep 16, 2025

Cable tray design | GrabCAD Tutorials

A cable tray system is ideal for protecting and organizing electrical connections in commercial and industrial

Dec 20, 2025

Master Cable Tray Installation: A Professional Step-by-Step Guide for ...

Learn how to install cable trays for large-scale projects with our professional, step-by-step guide covering industry

Oct 12, 2025

How to Install Wire Mesh Cable Trays? | EAE Electric

How to Install Wire Mesh Cable Trays? Discover the ease of installation, flexibility, and

Jun 07, 2026

Mastering Medium Duty Cable Tray Installation: A DIY Guide for ...

Explore our comprehensive DIY guide on installing medium-duty cable trays effortlessly. Enhance cable organization

May 02, 2026

Messy Desk? This DIY Cable Management Setup Beats Plastic Trays For A ...

Difficulty: Easy Time: 30-45 minutes A messy desk doesn't just look bad but it

Aug 09, 2025

Cable Mangement Tray Installation

Looking to improve your cable organization and create a clean, safe workspace? In this

Nov 13, 2025

Types of Cable Trays – Purpose, Advantages, Disadvantages

Cable tray is alternatives to wire ways and electrical conduits, which completely enclose cables. Study types of cable

Apr 23, 2026

DIY Cable Tray Ideas Essential Guide for Smart Home Installation

Embarking on a cable tray DIY project can transform the way you manage wires, turning a tangled mess into a

Dec 20, 2025

Cable Tray Explained | Types, Uses & Installation Guide for Beginners

In this video, we explain everything you need to know about Cable Trays — a key part of

Dec 05, 2025

15 DIY Cable Management Ideas Under Desk 2026 –

Cheap and easy DIY cable management ideas to hide messy wires under your desk. Step-by-step solutions with

Dec 11, 2025

DIY Modular Cable Organizer Tray from Cardboard and Wood Scraps

Learn to craft a compact modular cable tray from everyday scraps. This quick, friendly guide covers tools, materials,

Aug 25, 2025

Cable Tray Fabrication: Step-by-Step Channel Processing

Learn the essential process of making cable trays—those metal channels that organize

Aug 23, 2025

Cable Tray Technical Guide A practical guide to product selection and ...

In designing supports for a cable tray system, consideration should be given to the loads associated with future cable additions and

Mar 01, 2026

Cable Tray Types and Sizes

Types of Cable Trays and Sizes Explore various cable tray types and sizes for electrical installations.

Jun 05, 2026

Bending Cable Tray

Includes a full demonstration on how bend steel cable tray using a crimping to. You can

Apr 17, 2026

Types of Cable Trays: Ladder, Perforated, Basket, Solid & Channel

Explore all types of cable trays—ladder, perforated, basket, solid, and channel. Learn their uses, materials, pros,

Nov 01, 2025

How to make a bend with a wire mesh cable tray

This video shows you how easily, you can form and bend a wire mesh cable tray from

Aug 17, 2025

Best Practices for Installing Cables in Trays

Learn the best practices for installing cables in trays. This guide covers essential steps,

Jun 24, 2026

Making a Cable Management Trough From Recycled

Follow this simple step-by-step guide and make a cable management trough from recycled

Jan 25, 2026

15+ Creative DIY Cable Management Ideas

Learn how to produce wire mesh cable trays and complex connectors with this detailed

Oct 14, 2025

Best practice guide to cable ladder and cable tray systems

Cable ladder and cable tray systems The following recommendations are intended to be a practical guide to ensure

Jun 07, 2026

Cable Tray Fabrication: Step-by-Step Channel Processing

This short shows key steps: cutting sheet metal to size, punching or slotting for wire

Contact Us

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

Website: <https://ntmmgroup.co.za>

Email: sales@ntmmgroup.co.za

Phone: +27 82 471 2596

Address: Unit 7, Optic Park, 24 High-Tech Lane, Century City, Cape Town, 7441, South Africa

This document is for informational purposes only. Specifications subject to change without notice.

