

# How to cut a mesh cable tray to look good

## Article Overview

Mesh cable trays can be safely and efficiently cut using bolt cutters, an angle grinder, or a hacksaw, with proper planning and safety precautions.

## Tools Needed

- o Bolt cutters: Ideal for quick, clean cuts on thinner mesh wires.
- o Angle grinder: Best for thicker or heavily coated trays, providing precision and speed.
- o Hacksaw: Can be used if other tools are unavailable, but slower and more labor-intensive.
- o Safety gear: Always wear safety goggles and gloves to protect against metal shards and sharp edges ( ).

## Cutting Technique

- o Plan your cut: Measure and mark the tray where the cut is needed, considering bends or corner transitions ( ).
- o Secure the tray: Clamp the tray to a stable surface to prevent movement during cutting.
- o Cut along the marked line: Use your chosen tool to make a clean, straight cut. For bolt cutters, cut each wire individually if necessary. For an angle grinder, move steadily along the line to avoid jagged edges.
- o Smooth edges: After cutting, file or deburr sharp edges to prevent injury and protect cables ( ).

## Modifying for Corners and Bends

- o Side cuts: Strategic cuts along the tray sides allow smooth 90° or 45° bends around corners or obstacles ( ).
- o Maintain bend radius: Ensure bends are gentle enough to avoid damaging Ethernet or fiber cables.
- o Check grounding: After modification, verify that grounding and bonding are intact to maintain electrical safety ( ).

## Tips for Best Results

- o Avoid overfilling trays at corners to prevent cable stress.
  - o Use 10-foot mesh trays when possible to reduce the number of cuts and simplify installation ( ).
  - o Plan modifications in advance to minimize on-site adjustments and maintain a professional appearance ( ).
- By following these steps and using the appropriate tools, you can cut and modify mesh cable trays safely and efficiently, ensuring a clean installation that accommodates corners, obstacles, and custom layouts.

This video is a short excerpt from our full video that can be found

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These trays help manage cable routing in commercial, industrial, and data center

It lists the required accessory (NL8530012) for each width of cable tray. The document serves as a guide for cutting and bending

Regarding cable management, correctly installing a wire mesh basket tray or cable tray is crucial for safety and

Learn how to cut and bend 10 ft. mesh cable trays for corners in commercial offices. Improve structured cabling for

Make consistent clean cuts with the powerful 20V MAX XR Brushless Wire Mesh Cable

Discover the most effective ways to cut and adjust wire mesh baskets for cable routing solutions in electrical and data

Instructions include the necessary cuts, splices, and connectors for the following assemblies:

With a range of cable ladder and cable tray solutions available it can be challenging and

Watch how a professional fabricator perfectly marks, measures, and cuts a cable tray

When a wire cable tray is cut, the fact that a wire has been cut does not affect the level of protection. Let alone we have rubber caps

In the Oglaend System Cutting Guideline you can easily find out what the optimal cutting lengths/intervals are for all

Installing wire mesh cable trays is a straightforward process when done correctly. By following this guide, you can

Learn how to cut, bend, and assemble mesh cable trays to create T-branches, cross

The document provides instructions for forming various bends and joints in electrical trunking and cable trays. It describes: 1) How to

In this step-by-step tutorial, we demonstrate practical installation techniques using

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

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