

Price of Low-Voltage High-Strength Mesh Cable Tray



Overview

Choose from our selection of cable trays, including over 850 products in a wide range of styles and sizes. Same and Next Day Delivery.

Key Takeaways

Wire mesh cable trays are generally the most cost-effective option for low-voltage applications, with prices varying by size, material, and finish, typically offering 40-60% savings over conduit systems. Cost Overview

Wire mesh cable trays, also known as basket trays, are constructed from high-quality welded steel wire and are designed for low-voltage and data cable installations. They are lightweight, easy to install, and provide excellent ventilation for cables, which reduces heat buildup and improves cable longevity (Legrand, LongXing) . In 2026, wire mesh trays are considered the most affordable metal cable tray option, especially when compared to conduit systems, due to faster installation and reduced labor costs. Large projects can save 40-60% of the total budget by using wire mesh trays instead of metal pipes, as workers can lay cables directly into the open tray without threading them through pipes (CableTrayFab) .

Factors Affecting Price

- Material: Carbon steel, stainless steel (304L/316L), or galvanized finishes affect cost. Stainless steel and hot-dip galvanized trays are more expensive but offer higher corrosion resistance for outdoor or industrial environments (LongXing) .

- **Size and Load Capacity:** Tray width, side rail height, and wire gauge influence the price. High-strength trays designed for heavier cable loads cost more due to thicker wires and reinforced construction (Legrand) .
- **Finish and Coating:** Options like electro-zinc, powder coating, or hot-dip galvanization can increase the price but improve durability and aesthetics (LongXing) .
- **Customization:** On-site fabrication, custom lengths, or special bends may add to the cost but allow precise fit for complex installations (LongXing) .

Typical Price Range

While exact prices vary by supplier and region, wire mesh cable trays for low-voltage applications generally range from \$15 to \$50 per linear foot for standard sizes and finishes. High-strength or specialized trays with custom coatings or larger dimensions may cost more. Bulk orders for commercial or industrial projects often reduce the per-foot cost.

Advantages Beyond Cost

- **Ease of Installation:** Open design allows quick cable placement and future upgrades.
 - **Safety:** Patented Safe-T-Edge designs prevent cable fraying and protect installers (Legrand) .
 - **Durability:** Meets NEMA, UL, and CSA standards for long-term reliability (MP Husky) .
 - **Flexibility:** Can be reconfigured easily for building expansions or renovations (CableTiesAndMore) .
- In summary, low-voltage high-strength wire mesh cable trays offer a cost-effective, durable, and flexible solution, with prices influenced by material, size, finish, and customization. For precise pricing, contacting suppliers like Legrand, MP Husky, or LongXing with your project specifications is recommended.

Article Content

Wire Mesh Cable Trays

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Cable Trays | McMaster-Carr

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Explore precision-engineered Wire Mesh Tray built from high-quality welded steel, offering a safe, reliable pathway for low-voltage

Wire Mesh Cable Tray Wire Mesh Cable Trays

These cable trays are lined with wire mesh to route and support small diameter cable, such as data communication cable. The mesh

Cable Tray Types and Sizes

These cable tray systems serve as efficient alternatives to traditional wireways and electrical conduits, which fully enclose cables.

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Types of Cable Trays - Advantages, Applications and Sizes

Explore the types of cable trays, their advantages, applications, and standard sizes. Learn how they improve cable

Cable Tray Selector

MP Husky's cable tray selector for choosing the correct tray type (ladder, solid bottom, perforated, wire mesh) and size based on

Kable Kontrol Cable Tray

The wire mesh cable tray for cable management is one of the most in demand product because of its unique feature of being a high

Cable Trays | Metal, PVC & Wire Mesh Cable Trays | RS

Shop cable trays for efficient cable management. Buy ladder, perforated, and wire mesh cable trays from a trusted cable tray supplier

Wire Basket Tray | 801 Series Mega Snake | Snake Tray

The 801 Series Mega Snake wire basket tray is ideal for true industrial environments

The Complete Guide to Cable Trays | Snake Tray

There are also many manufacturers to choose from. But there's only one Snake Tray. Snake Tray is your

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Cable Tray Systems

CT Cable Tray 75-600mm width, 20mm side wall, 2.4m lengths, perforated bottom
High Sided CT Cable Tray Multiple width, height

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Cable Tray Institute

The Cable Tray Institute (CTI) was founded in 1991 to support the cable tray industry by engaging in research, development,

Wire Mesh Trays | Cable Tray and Reels | Cable Management

Legrand wire and cable management solutions including wire mesh trays, cable trays, and reels. Discover flexible, adaptable, cost

Selecting Cable Trays: A Complete Guide for Cable

Tray Type: Ladder Type: Provides maximum ventilation and strength for high-power cable

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Cable Tray

WBT Performance Cable Tray, Shaped 4"X8"X118", Pregalvanized. Provides optimal support for high-performance data cable, up to

Cable Tray & Accessories

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Kable Kontrol Cable Tray

Kable Kontrol's wire mesh cable tray suspends cables and ensure that your important wires and cables are safely organized and out

Cable Tray Systems

Over the past 55+ years, MP Husky US Cable Tray has engineered and manufactured the most reliable, highest quality, cost

Wire Mesh Trays | Cable Tray and Reels | Cable Management

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This document is for preliminary research. Verify specifications against current standards, product documentation and project requirements.

