

Price of steel channel columns for cable trays



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

Steel channel columns for cable trays typically range from \$10 to \$50 per meter, depending on material, finish, and load capacity.

Overview

Steel channel columns, also known as strut channels or Unistrut channels, are essential for supporting cable trays in industrial, commercial, and infrastructure projects. They are usually made from galvanized steel, hot-dip galvanized (HDG) steel, or stainless steel, providing strength, durability, and corrosion resistance. These channels are compatible with a variety of brackets, cantilever arms, and fixings, allowing flexible installation and support for heavy-duty cable trays.

Factors Affecting Price

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Material and Finish:

- Pre-galvanized steel: Lower cost, suitable for indoor use.



- Hot-dip galvanized (HDG) steel: Higher corrosion resistance, ideal for outdoor or humid environments.
- Stainless steel: Premium option for extreme environments or chemical exposure .
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Size and Profile:

- Common profiles include P1000, P1001, and 1-5/8" channels. Larger or thicker channels designed for heavy loads cost more .
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Load Capacity:

- Medium-duty channels are less expensive, while heavy-duty channels designed to support large cable trays or multiple trays are priced higher .
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Supplier and Location:

- Prices vary by supplier and region. Bulk orders or factory-direct purchases, such as from manufacturers in China or Hong Kong, can reduce costs .

Typical Price Range

- Standard steel channels: \$10-\$20 per meter for light to medium-duty galvanized steel.
- Heavy-duty or HDG steel channels: \$25-\$50 per meter.
- Stainless steel channels: \$40-\$70 per meter, depending on grade and thickness .

Additional Considerations

- Accessories such as channel nuts, cantilever arms, angle brackets, and beam clamps are sold separately and typically add \$2-\$10 per piece .
- Custom lengths or OEM/ODM specifications may affect pricing, especially for large-scale projects .
- When budgeting, consider shipping, installation hardware, and any protective coatings required for environmental conditions.

Steel channel columns are a versatile and durable solution for cable tray support, and selecting the appropriate material and finish ensures long-term performance while optimizing cost.

Article Content

Cable Trays | McMaster-Carr

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

Straight Channel Cable Tray

Clean Tray Cable Tray, Sloped-Top/Perforated, Material: Stainless Steel, Dimensions: 6" x 6" x 120" Category: Straight Channel

Cable Tray

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

Perforated Angle & Channel | Tube & Cable Support | Moody Price

Moody Price Perforated Channel is designed to be a tubing and cable support system which utilizes bolt together fittings to route

Steel Cable Tray

Steel Cable Tray Steel Cable Tray systems are Certified CSA Cable Tray, UL listed, and NEMA certified and are available in the

Perforated Cable Tray — Aluminum, Galvanized, 304 SS | TechLine Mfg

TechLine Mfg perforated angle and channel cable trays in hot-dip galvanized, aluminum, and 304 stainless steel. UL Classified

Cable Tray | Wire Mesh, Ladder Tray and More Wire Management

Cable trays and baskets are designed to help support and route cable bundles in an organized manner along ceilings or walls. Shop

Cable Ladder Trays

When it comes to Cable Ladder Trays, you can count on Grainger. Supplies and solutions for every industry, plus easy ordering, fast

Cable Tray and Reels | Wire and Cable Management

Cable Tray and Cord Reels Precision engineered. Constructed from high-quality welded steel wire, Cablofil® Wire Mesh Cable Tray

Cable Tray Types and Sizes

Types of Cable Trays and Sizes Explore various cable tray types and sizes for electrical installations. Learn about ladder, perforated,

Cable Trays and Accessories

SFSP cable trays and accessories from SFSP are manufactured from steel sheets in accordance with BS EN 10130/BS EN 10131/

Shop Online Cable and Ladder Tray Wholesale | AGM Electrical

What types of cable trays are available and when are they best used? Common types include ladder, perforated, solid-bottom, wire

Cable Trays

Basket Tray 5 Cable Tray Ladder 2 Basic Drop Out 1 Channel Tray 1 Metal Single Channel 1 Wiremesh Cable Tray 1 4 in 2 in 4.18 in

Steel Wire Mesh Processed Channel Style Cable Trays System

Wire Mesh Channel Trays Channel trays made of steel wire mesh provides an economical support for cable drops and branch cable

Metalix Cable Trays

Metalix Cable trays is a premier manufacturer of slotted C channels, designed to deliver exceptional strength and versatility for a

Cable Ladder & Wire Mesh Trays

When it comes to Cable Ladder & Wire Mesh Trays, you can count on Grainger. Supplies and solutions for every industry, plus easy

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

Steel Cable Tray | Strong And Reliable Cable Management | CEF

Steel cable trays offer a practical and durable solution for cable management in industrial and commercial applications. Built from

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

