

Article Overview

Cable tray supports come in various models including hanging clamps, hanging bars, and wire mesh clips, with prices ranging from \$10 to over \$100 depending on type, material, and load capacity.

Types of Cable Tray Supports

o Hanging Bars

- o Suspended from threaded rods, these bars support cable trays along their length.
- o Typically made of zinc-plated steel for corrosion resistance.
- o Can support up to 280 lbs per foot when spaced every 8 feet.
- o Threaded rods and nuts are usually sold separately (McMaster-Carr)

o Hanging Clamps

- o Attach to the sides of a tray section and suspend it from threaded rods.
- o Provide secure support for straight or curved tray sections.
- o Ideal for wire mesh or solid trays, allowing easy adjustment and alignment.

o Hanging Clips

- o Smaller clips attach to the tray sides and suspend it from 1/4", 3/8", or 1/2" threaded rods.
- o Lightweight and suitable for wire mesh trays or cable baskets.

o Under-Desk or Office Wire Tray Supports

- o Designed for home or office cable management.
- o Usually metal or plastic, priced lower (\$10-\$30 per unit on Amazon).

Materials

- o Zinc-Plated Steel: Good corrosion resistance, suitable for indoor and light industrial use.
- o Stainless Steel (304/316): High corrosion resistance, ideal for outdoor or harsh environments.
- o Plastic or PVC: Lightweight, halogen-free, and fire-resistant options for low-load applications.

Price Range

- o Industrial Supports (Hanging Bars/Clamps): \$50-\$120 per support depending on size, material, and load capacity (McMaster-Carr).
- o Wire Mesh Clips and Small Supports: \$10-\$40 per piece (Amazon).
- o Custom or Heavy-Duty Stainless Steel Supports: Can exceed \$150 per unit for high-load or specialized applications (Ekabel24, RS Components).

Cable tray support model and price

Considerations for Selection

- o Load Capacity: Ensure the support can handle the weight of the cable tray and cables.
- o Tray Type Compatibility: Ladder, wire mesh, basket, or single rail trays may require specific support types.
- o Environment: Corrosion resistance is critical for outdoor or chemical-exposed installations.
- o Installation Flexibility: Adjustable supports allow easier alignment and future expansion. For purchasing, suppliers like McMaster-Carr offer a wide range of industrial supports with same-day shipping, while Amazon provides smaller-scale or office solutions. Specialized vendors like Ekabel24 and RS Components provide high-quality, standards-compliant supports suitable for industrial and commercial installations .

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The range extends from strip galvanized to hot-dip galvanized steel and stainless steel. Different dimensions with corresponding hole

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