Price of Molded Cable Tray Assembly Mold



Overview

Cable tray mold available in various materials, ideal for industrial applications. Buy in bulk starting from $3.8 to $35000, minimum order of 1 unit. Suitable for wholesalers and distributors.

Key Takeaways

The cost of a molded cable tray assembly mold typically ranges from $5,000 to $50,000 or more, depending on material, complexity, and production requirements.

Factors Affecting Mold Price

Material: Cable tray molds are commonly made from steel, aluminum, cast iron, or metal alloys. Steel molds are durable and handle high pressures, making them suitable for heavy-duty production, while aluminum molds are lighter and corrosion-resistant but less rigid. Cast iron offers high wear resistance but is brittle, and nickel or chromium-infused alloys improve longevity for industrial applications.

Mold Type and Complexity: Molds for thermoplastic or metal cable trays vary in design. Simple molds for standard trays cost less, while custom molds with precise dimensions, complex curves, or multi-cavity designs increase the price. Overmolded cable assemblies, which combine plastic or rubber with connectors, require more intricate molds and can raise costs further.



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Production Volume: High-volume molds designed for thousands of cycles (e.g., SMC compression molds with 300,000-shot life) are more expensive due to durability requirements and precision machining. Low-volume or prototype molds are cheaper but may have shorter lifespans. Customization and Lead Time: Custom molds require 2D/3D drawings, sample approvals, and quality control, which can add to the cost.

Lead times typically range from 45 to 60 working days for standard molds.

Estimated Price Ranges

Basic aluminum or small plastic tray mold: $5,000–$10,000Standard steel mold for medium-sized trays: $10,000–$25,000High-precision, multi-cavity, or overmolded assembly molds: $25,000–$50,000+ These estimates vary by supplier, region, and specific design requirements. For exact pricing, it is recommended to contact manufacturers with your tray specifications, including dimensions, material, and expected production volume, to receive a detailed quote.

Conclusion

The price of a molded cable tray assembly mold depends on material, complexity, production volume, and customization. While basic molds start around $5,000, high-end industrial molds for overmolded assemblies can exceed $50,000. Engaging with suppliers and providing detailed specifications ensures accurate pricing and optimal mold performance.

Article Content

Cable tray mold

Cable tray mold available in various materials, ideal for industrial applications. Buy in bulk starting from $3.8 to $35000, minimum order of 1 unit. Suitable for wholesalers and distributors.

Cable tray mould

The choice of mould directly influences the material, strength, corrosion resistance, and overall performance of the final cable tray product. Below is a comprehensive overview of the most

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Cable Tray Price List 2025: Current Market Rates

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Find the latest cable tray price list for 2025. Compare B2B and B2C pricing, materials, and supplier options. Click to explore cost-effective solutions for industrial and commercial projects.

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Molded Cable Tray Factory_Manufacture_Supplier

Molded cable tray is a type of cable tray product made using the molding process. It adopts high-strength materials and is formed in one go through precision molds,

2026 Best Wholesale Buy Molded Cable Tray Price Guide?

This chart displays the average wholesale prices for different types of molded cable trays in 2026. As seen, Type B has the highest average price, while Type A and Type E are among the

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Overmolded Cable Assemblies | Custom Molded Cable ...

The process of creating an overmolded cable assembly involves enveloping a series of cables in a molten plastic or rubberized material and coating the cable assembly components, such as

Injection Molding Cost: The Complete Buyer Guide 2026

The calculated unit price includes a typical quotation variance of ±20%, while mold tooling cost reflects an estimated range of −20% to +10%, representing common supplier pricing differences in China and

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#1 Custom Overmolded Cable Assembly Manufacturer

Overmolded Cable Assembly Applications Overmolded cable assemblies are essential in various industries where durability, reliability, and protection against environmental factors are critical.

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Overmolded Cable Assemblies | Custom Molded Cable ...

Those details matter because the molded area often protects one of the most vulnerable points in the assembly. Meridian maintains a large mold inventory, which gives clients a wide starting point for

Custom Molded Cable Assemblies Manufacturers | Overmolded

Molded cable assemblies and custom wiring harness products are used in industrial control panels, diagnostic equipment, EV platforms and field telecom enclosures. These custom overmolded

Overmolded FPC Cable Assembly NPI: Silicone Mold Samples vs

A B2B sourcing guide for overmolded FPC cable assembly NPI. Compare silicone mold samples, hard tooling, DFM gates, cost, lead time, standards, and RFQ evidence before production

SMC Cable Tray Manufacturer | Custom FRP

Our advanced in-house SMC production processes ensure a consistent, high-quality material base, which is then precision-molded into robust cable tray components.

Overmolded Cable Assembly Prototype: Silicone Mold vs Hard

An overmolded cable assembly is a cable or wire harness with molded polymer around the connector, strain-relief zone, branch, boot, or sealing area. A silicone prototype mold is a short

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