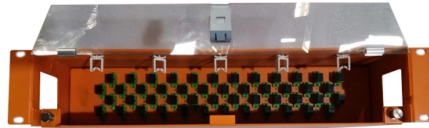


How much should a connector cost



Article Overview

Connector prices can range from a few cents for basic types to several dollars for precision-engineered or custom connectors, with total costs influenced by materials, labor, tooling, and shipping.

Purchase Price

The initial cost of a connector varies widely depending on type, quality, and materials. Basic, generic connectors may cost only a few cents, while high-precision or custom connectors can cost several dollars each due to advanced engineering, high-quality metals like gold or phosphor bronze, and durable housings made from engineering-grade plastics such as PBT or Nylon . Material costs alone, including copper, brass, thermoplastics, and precious metals, can account for a significant portion of the manufacturing cost .

Additional Costs

Beyond the purchase price, connectors incur additional costs that can significantly affect total ownership:

- Tooling Costs: Custom connectors often require specialized tooling for assembly or installation, which may be paid upfront or amortized into the connector price .
- Application Costs: Labor for wire termination, soldering, crimping, or PCB mounting adds to the total cost. Automated or manual processes, as well as maintenance of tools like crimpers or pick-and-place machines, contribute further .
- Packaging and Shipping: Special packaging for reels, tubes, or trays, and domesti...

Article Content

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The total connector cost is usually divided into three categories: known cost; cost that can be determined with some effort; and cost

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So, what determines the price of an electrical connector? The range is vast, from a few cents for a simple, mass

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Contact costs include raw material and labor, and in this case was 38 cents or 48 percent of the total cost of the

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Connectors are often selected based on purchase price without adequate consideration of the costs associated with using them.

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In summary, terminal and connector prices are comprehensively influenced by multiple factors such as market supply

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When it comes to connectors, the decision-making process often revolves around the initial purchase price. However,

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Designers frequently ask how much gold plating they should specify on the connector pins. As I write this blog (and

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However, the weighted average cost increase of raw materials will not directly track with cost increases for connectors as

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What factors influence the cost of electrical connectors? Aug 29, 2024 As a manufacturer of electrical connectors, I

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This article aims to explain, in a practical and structured way, what engineers should evaluate when selecting a

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Find out how much something will cost At CostOwl our team of expert writers carefully research topics to

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Cost to wire a basement The average cost to wire a basement is \$2,000 to \$13,500, depending on the size, layout,

Contact Us

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