Price of wiring ducts for distribution boxes



Overview

Wiring ducts Due to the diversity of solutions available in this product category, we can distinguish three groups of wiring ducts and related accessories.

Key Takeaways

Wiring ducts for distribution boxes typically range from $5 to $50 per piece, depending on size, material, and type.

Overview of Wiring Ducts

Wiring ducts, also called cable ducts or trays, are used to organize and protect electrical wires inside distribution boxes, control panels, and machines. They come in PVC or other plastic materials, with solid or slotted walls, and often include removable covers for easy access and maintenance. Slotted ducts allow wires to exit at multiple points, while solid ducts provide more protection against dust and debris.

Mounting options include screw-mount, adhesive, or DIN rail fasteners.

Price Factors

The cost of wiring ducts depends on several factors: Material: PVC ducts are common and affordable, while specialized materials may cost more. Size: Width, height, and length affect price; larger ducts or longer runs are more expensive. Type: Slotted ducts are slightly more expensive than solid ducts due to manufacturing complexity.

Supplier and Brand: Prices vary between distributors like DigiKey, Grainger, and TME.

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Typical Price Range

Small PV

C ducts (1–2 inches wide, 1–2 feet long): $5–$15 each. Medium ducts (3–4 inches wide, 2–3 feet long): $15–$30 each. Large or specialized ducts (custom sizes, heavy-duty, or slotted): $30–$50 or more per piece.

For bulk purchases, suppliers often offer discounts, and shipping costs may apply. It is recommended to measure the space behind your distribution box and select compatible duct sizes to avoid unnecessary expenses. Where to BuyDigiKey: Offers a wide selection of slotted, solid, and flexible wire ducts with same-day shipping.

Grainger: Provides PVC wiring ducts with snap-on or hinged covers for secure installation.

TM

E: Supplies wiring ducts for industrial and telecommunication applications, including skirting ducts for wall-mounted installations. By comparing sizes, materials, and suppliers, you can select wiring ducts that fit your distribution box while staying within budget.

Article Content

Wiring ducts

Due to the diversity of solutions available in this product category, we can distinguish three groups of wiring ducts and related accessories. As the name suggests, these types of products are used to

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Wiring duct & trunking

ABB offers a innovative wiring duct & trunking products for routing and concealing wiring in control panels. They are available in numerous configurations, materials, sizes and colors to accommodate

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Types and prices of distribution boxes in 2025_COLORIA GROUP

From basic metal boxes to AI-powered energy hubs, distribution systems are becoming the unseen foundation of smart buildings. Prices might seem steep for advanced units, but they pay

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Wiring Ducts Selection Guide: Types, Features,

Wiring ducts are rigid trays typically used as raceways for cables and wires within electrical enclosures. Wiring ducts, along with conduit, wireways, and cable

CATALOG Wiring ducts, floor boxes and trunking Easily allows for ...

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Wiring ducts, floor boxes and trunking Easily allows for organization, pulling and separation of cables deliver the most effective, reliable and long lasting support for your cabling

2024 Cost of Ductwork

Installed air handler plenum, and 2 air distribution boxes, 7 new insulated register boots, 3 ea 7” runs, 3 ea 6” runs, 1 each 4” run, 1 ea 14” duct between air box and plenum, 1 each 10” duct between 1st air

How much does it cost to install or replace ductwork?

Air duct replacement costs $1,400 to $5,600 on average. New ductwork installation costs $25 to $55 per linear foot for a crawl space, attic, or

The Ultimate Guide to Wiring Ducts for Optimal Protection

Q5: Are customized wiring ducts available? A5: Yes, Haitan Electromechanical offers customized wiring duct solutions to meet specific

Wire Ducts Market Fueled by Industrial Automation Demand to Evolve ...

The global wire ducts market, a foundational segment within the electrical equipment and industrial infrastructure ecosystem, is projected to undergo a significant transformation over the 2026

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

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