How much does a pigtail cable cost per meter



Overview

Pigtail Aluminum Wiring Cost Guide 2026 Prices to pigtail aluminum wiring vary widely based on home size, number of outlets and devices, and whether Pigtai.

Key Takeaways

Installing a pigtail cable typically costs between $25 and $50 per connection point, with labor and materials included, though per-meter pricing varies based on project complexity.Cost Breakdown

The total cost of installing a pigtail cable depends on materials, labor, and additional fees:

• Labor: Electricians usually charge $100–$150 per hour for specialized work, with each pigtail installation taking roughly 10–20 minutes per device .

• Materials: Copper pigtail wire and connectors (e.g., AlumiConn) cost $2–$5 per connection, while compatible outlets or switches may add around $25 per device .

• Permits and inspections: Local fees can range from $200 to $500, depending on jurisdiction . For a typical residential installation, the per-connection cost (including labor and materials) is often $25–$50, which can be used to estimate per-meter costs if the cable run is short. Longer runs or complex routing may increase labor time and material usage, effectively raising the per-meter cost .
Factors Affecting Cost
• Number of outlets or devices: More connection points increase total labor and material costs .

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• Regional labor rates: Urban areas tend to have higher electrician rates than suburban or rural regions .

• Type of connector: Specialized systems like Copalum are more expensive than standard AlumiConn connectors .

• Circuit complexity: Adding AFCI/GFCI protection or panel upgrades increases overall cost .
Estimating Per-Meter Cost

While most pricing is calculated per connection rather than per meter, a rough estimate can be derived by dividing the total cost by the length of the cable run. For example, if a 3-meter pigtail installation costs $75 per connection, the approximate cost per meter would be $25 per meter, though this varies with labor intensity and accessibility . In summary, expect $25–$50 per connection point, with per-meter costs depending on the length of the run and installation complexity. For precise pricing, a licensed electrician should assess the specific project.

Article Content

Fiber Pigtail

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

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