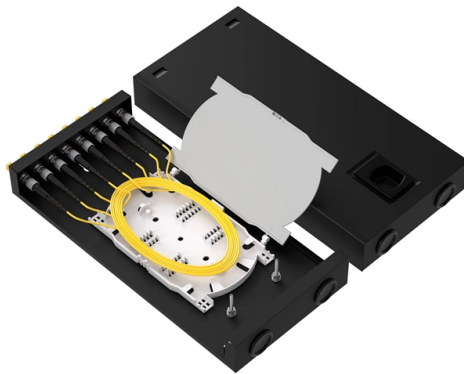


# How long should the wiring for the distribution box be



## Article Overview

The wiring for a distribution box should be long enough to reach terminals comfortably, allow neat routing, and leave some slack for heat dissipation and future maintenance, typically leaving 1-2 inches of exposed conductor at each terminal.

### Wire Preparation and Length Guidelines

When preparing wires for a distribution box, cut the insulation to leave a suitable length of exposed conductor for secure terminal connections. This length is usually about 1-2 inches (2.5-5 cm), ensuring the wire can be properly crimped or screwed into the terminal without excess that could cause short circuits or tangling. Avoid leaving wires too short, which can make connections difficult, or too long, which can create clutter and reduce airflow inside the box.

### Routing and Slack

Inside the distribution box, arrange wires neatly and secure them with cable ties. Leave enough slack to allow for heat dissipation, easy maintenance, and future upgrades. Wires should not touch sharp edges or be tightly bent, as this can damage insulation and increase the risk of electrical faults. Proper routing also helps prevent overheating and ensures compliance with safety standards.

### Additional Considerations...

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7. The wire inlets and outlets in the distribution box and switch box shall be set at the lower bottom of the box. It is strictly prohibited

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## Contact Us

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