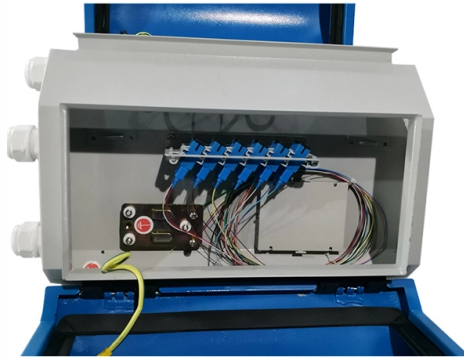


400 cable tray normal thickness



AI Overview

Standard 400 mm cable trays typically have thicknesses ranging from 1.2 mm to 1.5 mm, depending on duty class and application.

Typical Thickness Options

- 1.2 mm Thickness: Common for heavy-duty trays with a height of 100 mm and length of 3000 mm, suitable for industrial installations where moderate cable loads are expected and durability is required .
- 1.5 mm Thickness: Often used for 400 × 50 mm trays, providing higher strength and durability for demanding industrial environments, supporting heavier cable loads and long-term structural stability .

Factors Affecting Thickness Selection

- Load Capacity: Thicker trays can support heavier cables and longer spans without excessive deflection .
- Tray Type: Ladder, perforated, and channel trays may have different thickness requirements even at the same width, as ladder trays often require thicker side rails for structural support .
- Material and Finish: Galvanized steel, stainless steel, or coated trays may have slightly different thicknesses to meet corrosion resistance and mechanical standards .
- Application Environment: Industrial plants, data centers, or outdoor installations may require thicker trays to withstand mechanical stress, vibration, or environmental exposure

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to cables when correctly inserted. Screwed connections are generally isometric threads fully compliant with ests in accordance of the

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Niedax, Kleinhuis & Fintech

CABLE TRAY SPECIFICATIONS Cable Tray Design & Manufacture Niedax's Cable Tray systems are designed and manufactured

Contact Us

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