

Canadian Cable Tray Installation Solution



Summary of Content

Proper cable tray support installation in Canada requires adherence to the Canadian Electrical Code (CEC), using qualified personnel, and selecting the correct support type for the tray and environment.

Key Principles

Qualified Personnel and Planning: Installation must be performed by personnel familiar with the apparatus and hazards, following a pre-determined layout designed by an engineer or system designer who considers local building codes, equipment specifications, and clearances required by other trades . This ensures safety, efficiency, and compliance with the CEC. **Support Types:** Cable tray supports anchor the system to the building structure and include:

- **Trapeze Hangers:** Suspended from ceilings, ideal for long runs of ladder or ventilated trays.
 - **Center-Span Supports:** Provide intermediate support for long tray sections to prevent sagging.
 - **Wall Brackets:** Attach trays to walls, suitable for vertical or horizontal runs in limited spaces .
- Installation Guidelines:**
- **Spacing:** Support spacing depends on tray type and load. Ladder trays typically require supports every 1.5–3 meters, while solid-bottom or wire mesh trays may need closer spacing for heavier cables .
 - **Alignment and Leveling:** Ensure trays are level and aligned to prevent cable stress and maintain proper bend radii.

Article Content

INSTALLATION GUIDE

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GUIDE CABLE TRAYS TECHNICAL

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A practical guide to product selection and installation This guide for engineers and installers has been developed by ABB as a

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Manufacturer Number: AH1406L12-3 LN AddAdd to

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Contact Us

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