

Article Overview

Cable tray elbow fabrication quota numbers are specific identifiers used by manufacturers to standardize ordering and fabrication, and they are typically obtained from technical catalogs or CAD libraries provided by the manufacturer.

Understanding Fabrication Quota Numbers

A fabrication quota number for a cable tray elbow is essentially a part number or specification code that defines the type, size, material, and angle of the elbow fitting. These numbers are used to:

- o Ensure correct fabrication according to project requirements
 - o Facilitate ordering and inventory management
 - o Maintain compliance with standards such as BS EN 61537, NEMA VE 1-2017, or UL certifications
- Elbows are available in various configurations, including 90° and 45° bends, horizontal or vertical transitions, and custom angles, and the quota number will reflect these characteristics.

How to Obtain the Quota Number

- o **Manufacturer Catalogs and Technical Guides:** Companies like Eaton, ABB, Legrand, and SFSP provide detailed catalogs and technical guides listing all cable tray accessories, including elbows, with their corresponding part numbers.
- o **CAD Libraries and BIM Objects:** Many manufacturers offer CAD drawings and BIM objects for elbows, which include the fabrication or part number. These can be downloaded and referenced in project documentation.
- o **Direct Technical Support:** If the quota number is not listed in catalogs, you can contact the manufacturer's technical support to request the correct part number for your specific cable tray type, size, and material.
- o **Project Specifications:** Engineering or procurement documents often specify the required elbow type and size, which can then be matched to the manufacturer's quota number for ordering and fabrication.

Key Considerations

- o **Material:** Steel (pre-galvanized, hot-dip galvanized, stainless), aluminum, or FRP
 - o **Tray Type:** Ladder, perforated, or solid-bottom
 - o **Load Rating:** Ensure the elbow supports the required cable load
 - o **Standards Compliance:** Verify compliance with local and international standards (BS, NEMA, UL, ISO)
- By following these steps, you can accurately determine the fabrication quota number for any cable tray elbow required in your project. This ensures proper installation, compatibility, and adherence to safety and quality standards.



Cable tray elbow fabrication quota number

Quotation Check List for Cable Tray Project Name: Contractor: Distributor: Contacts:

The Cable Tray Institute (CTI) was founded in 1991 to support the cable tray industry by engaging in research, development,

NEMA Standards Publication VE 2-2006 Cable Tray Installation Guidelines Published by: National Electrical Manufacturers

Wadding, felt and nonwovens; special yarns; twine, cordage, ropes and cables and articles thereof Carpets and other

Cable tray quotation guide - Free download as PDF File (.pdf), Text File (.txt) or read online for free.

Cable Ladders Straight sections of ladder type cable trays consist of two longitudinal side rails, connected by individual transverse

For ease of ordering, each individual product is identified by a "Catalog Number", comprising letters and numbers.

The right cable tray sizing calculator helps engineers turn cable schedules into a verified tray width and fill check before material

By loading this tray more heavily, the designer must be careful not to exceed the total cable capacity as outlined in the Canadian

Eaton

Our cable trunkings and perforated cable trays are manufactured with one or multiple compartments. A smooth return flange gives

Cable Trays are designed to meet most requirements of cable and electrical wire installations and comply to local and international

The document discusses different types of cable containment systems including cable trays, cable ladders, and cable trunking. It

A cable tray system is an assembly of metallic cable tray sections and accessories, that forms a rigid structural

system

The document describes the various types, components, and specifications of cable tray systems manufactured by SR Electrical Co.

Cable trays are available in different configurations, straight sections are available to route cables in a horizontal or vertical plane.

Web: <https://www.millstraining.co.za>

