

Article Overview

For Belgian installations, cable tray supports should comply with EN 61537 standards, using steel, stainless steel, or corrosion-resistant materials, with mounting options including wall brackets, suspended supports, and center suspensions.

Key Considerations for Cable Tray Supports

Standards Compliance: In Belgium, cable tray supports should adhere to EN 61537, which defines requirements for cable trays, ladders, and associated support systems, ensuring mechanical strength, electrical safety, and durability under environmental conditions . **Materials:** Supports are typically made from galvanized steel, stainless steel, aluminum, or fiberglass composites (FRP/GRP) depending on the installation environment, whether indoor, outdoor, or offshore . Corrosion resistance is critical in industrial or humid environments. **Support Types:**

- o **Wall Brackets:** Ideal for vertical or horizontal wall-mounted trays.
- o **Suspended Supports:** Used for ceiling-mounted trays, allowing height adjustment and load distribution.
- o **Center Suspensions:** Provide additional support for long spans or heavy cable loads.
- o **Mounting Plates and Accessories:** For junction boxes or equipment attachment to trays .
- Load and Span Considerations:** Supports must withstand the weight of cables, imposed loads, and environmental forces such as wind, snow, or short-circuit forces. Proper spacing and selection of support type are essential to prevent sagging or mechanical failure .
- Brands and Suppliers:**
 - o **OBO CMS:** Offers a range of support elements, brackets, and mounting accessories suitable for industrial environments .
 - o **Trayco:** Provides high-quality cable trays and mounting systems compatible with various support configurations .
 - o **Legrand:** Supplies cable trays and recommended support systems with detailed technical guidance for safe installation .
 - o **Oglaend System:** Offers versatile cable tray supports in multiple materials and configurations for both onshore and offshore projects .
- Installation Best Practices:** Use components designed and tested together as a system. Ensure supports are installed by competent personnel familiar with electrical installation standards and safety requirements . Avoid using cable trays as walkways or ladders to prevent personal injury and system damage. By selecting EN 61537-compliant supports from reputable suppliers and following proper installation guidelines, Belgian projects can achieve safe, durable, and efficient cable management solutions.

SOLID-BOTTOM CABLE TRAY Providing additional cable protection, solid-bottom cable tray is sometimes



Recommended Belgian cable tray supports

preferred to support and

Cablofil wire mesh tray and supports are designed to support any cable load allowed by the NEC when supports are spaced on 8"

Sort By Position Product Name Price Set Descending Direction Cable Trays in various edge heights Edge Height 35 Edge Height 50

Recommended for electrical installations, telecommunications, pipelines and supports for cable trays. The INDEX range of profiles

A functional cable tray system consists of various clamping, supporting, and splicing accessories in order to achieve the best

This document provides guidance on best practices for installing cable ladder and cable tray systems, including channel support

Wyr-Grid®; Cable Tray Load Rating Report Limits on deflection from cable loading are set forth in EN 61537:2007. The safe working

Cable tray is alternatives to wire ways and electrical conduits, which completely enclose cables. Study types of cable

Where necessary, cable tray systems and cable ladder systems can be used for the arrangement of cables into groups. This

Based out of Oudenarde, Belgium, Vergokan is an industry-leading name in metal cable support systems that are used extensively in

Steel Ladder System Hubbell's NEXTFRAME®; Ladder Tray is the effective and widely used cable runway that supports and delivers

Discover the main cable tray support types: wall-mounted, ceiling-hung, floor-mounted, and cantilever brackets. Learn

One of our advisers will be happy to assist you in determining the correct materials and tailor-made solutions. Trayco has an

Cable tray supports and accessories There are multiple Tray Stands, but in this section, you will find the one that perfectly suits your

Posted on: 30/04/2025 Regarding cable management, the fixing and mounting you choose for your cable trays can make or break

Cable ladder and cable tray systems The following recommendations are intended to be a practical guide to ensure the

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

