Lithuanian Large Span Cable Tray Specifications

Article Overview

Long-span cable trays in Lithuania typically follow European CE standards, with specifications including perforated, solid-bottom, and ladder types, reinforced connections for widths over 300mm, and standardized bolt and nut fittings.

Types and Dimensions

o Perforated Long-Span Cable Tray (LSCT): Example LSCT100X200, where 100mm is the height and 200mm is the width. Suitable for general cable routing with ventilation and heat dissipation .
o Solid-Bottom Long-Span Cable Tray (LSCTU): Example LSCTU100X200, designed for applications requiring full bottom support to prevent cable sagging .
o Long-Span Cable Ladder (LSCL): Example LSCL100X200, used for heavy-duty or industrial installations where ladder support is preferred .

Connection and Accessories

o Straight Section Connections: Use M8x16 low-trail carriage bolts x 4 and M8 flange nuts x 4 for 100mm and 150mm high trays .
o 90? Horizontal Elbows: M8x16 bolts x 6 and M8 flange nuts x 6.
o Up and Down Elbows: M8x16 bolts x 8 and M8 flange nuts x 8.
o Bottom Reinforcement: Required for trays over 300mm wide, using M8x16 bolts x 8 and M8 flange nuts x 8 .
o End Closures and Width Transitions: Standardized bolt and nut sets ensure secure connections and compatibility between different tray widths .

Material and Compliance

o Typically manufactured from galvanized steel or aluminum, providing corrosion resistance and structural integrity .
o CE marking ensures compliance with European directives, including mechanical, electrical, and safety standards .
o Stainless steel or zinc coatings may be used for enhanced corrosion protection, with attention to galvanic compatibility when combining metals .

Installation Considerations

o Long-span trays reduce the number of supports required, ideal for industrial or commercial applications such

as roadway crossings, pipe bridges, or large-scale electrical installations .
o Pre-assembled sections and large-radius elbows minimize on-site modifications and labor costs .
o Load calculations, cable fill, and deflection should be verified using manufacturer-provided modules or simulation tools to ensure compliance with structural and safety requirements .

Summary

Lithuanian long-span cable trays follow European CE standards and include perforated, solid-bottom, and ladder types. Reinforcement is required for trays wider than 300mm, and standardized bolts and nuts are used for all connections. Materials are typically galvanized steel or aluminum, with corrosion protection measures. Proper installation ensures structural integrity, compliance with safety standards, and efficient cable management for industrial and commercial projects .

Strong and durable - Made of hot-dip galvanized steel or stainless steel, suitable for indoor and outdoor applications. Fast

WBT_Techspecs_fillandload

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

Optimum power supply Industrial plants and technical companies require ef-fective cable routing. Our cable trays and cable lad-ders

Overview of main solutions with complete groups and families of products for implementation of any required cable trunking and

Not all cable trays are equivalent. The mechanical and electrical characteristics, tests, certifications, overall quality management,

Cable trays - Cable trays, wide span.

Long Span Cable Tray Tthe long span cable tray is suitable for long support spans and high cable load capacity, and

Cable trays are typically manufactured from galvanized steel, stainless steel, or aluminum, with perforated, solid, or wire mesh

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H. Cable Tray Supports: Shall be placed so that the support spans do not exceed the maximum span indicated on drawings.

Our cable trays are produced in fit for purpose materials like stainless steel, galvanized, aluminium and

Technical specifications Load ratings: 1.5 safety factor. All tray sections will support an additional 200 lb concentrated load on any

Some applications may require the cable tray to support the weight of a single, dead object in addition to the cable loads.

The length of the ordinary bridge is about 2M, and the length of the large span bridge can be customized, 3m, 6m,8m,12m. The long

As an industry leader in cable tray, Eaton offers one of the widest ranges of cable management solutions available in the market

Wire Mesh Cable Tray Trays shall be supported at a maximum span of 2.5m by trapeze, wall, floor or channel mounting methods

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