

ASEAN Standard Thickness for Cable Trays



Summary of Content

Standard cable tray thicknesses in ASEAN typically range from 1.0 mm to 2.0 mm, depending on material and application.

Standard Thickness Ranges

Cable trays manufactured in ASEAN countries, including Vietnam, Indonesia, and Thailand, generally follow international fabrication standards such as BS EN 61537:2023, NEMA, and IEC. Typical thicknesses for steel cable trays are 1.0 mm, 1.2 mm, 1.5 mm, and 2.0 mm, with variations depending on the material type—pre-galvanized steel, hot-dip galvanized steel, stainless steel, or aluminum. Material thickness directly affects load-bearing capacity, allowable span, and long-term durability.

Material Considerations

- Steel trays: Most common, available in pre-galvanized, hot-dip galvanized, or stainless steel. Thickness ranges from 1.0 mm to 2.0 mm, with thicker trays used for heavy-duty applications or long spans.
- Aluminum trays: Lightweight and corrosion-resistant, typically used in environments where steel may corrode. Thickness is usually comparable to steel for similar load ratings.
- Wire mesh or basket trays: Thickness is defined by wire diameter rather than sheet thickness, but structural performance depends on wire gauge and support spacing.

Compliance and Installation

Article Content

Termite-Proof Cable Trays for ASEAN Factories: A Buyer's Guide to ...

Learn how to protect outdoor cable trays from tropical termites when sourcing from ASEAN factories. Practical guide on materials,

Cable Tray Standards: A Global Overview of Production and

In this article, we'll provide an in-depth look at the cable tray standard practices from 30 countries across five

Catalog Cable Tray Ver Final

Straight sections of solid bottom cable trays constructed from single sheet of metal, providing excellent protection from

Cable Tray Indonesia | NEMA VE 1 Class 8B 420 kg/span Steel Cable

It supports the building's power, fibre, and control cables from the service riser out to the final zone. Specified by width, depth,

How to Protect Outdoor Cable Trays from Tropical Termites When

This article provides a practical framework for evaluating and sourcing termite-resistant outdoor cable trays from ASEAN suppliers.

GUIDE CABLE TRAYS TECHNICAL

STANDARDS AND GUIDES YOU NEED TO KNOW The following standards define the precautions to be taken when installing and

LEGRAND CABLE TRAYS TECHNICAL GUIDE

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

Cable Tray Specifications and Sizes | PDF | Sheet Metal

The data sheet provides specifications for standard cable trays and accessories. Standard cable trays are 2.5 meters in length with a

Cable Tray Materials Standard: Global Compliance Guide

Get a complete guide to cable tray materials standards in China, the U.S., the EU, India, Australia, the Middle East,

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