

Article Overview

T5 and ET3 cable trays are the primary long-span solutions in Australia, offering heavy-duty support and superior load capacity for commercial and industrial installations.

Overview of Long-Span Cable Trays

Long-span cable trays are designed to support electrical, data, and communication cabling over extended distances without intermediate supports. They are ideal for large-scale commercial, industrial, and infrastructure projects where continuous cable support, strength, and accessibility are critical. These trays comply with Australian standards and provide efficient cable management while allowing airflow to prevent overheating .

T5 Cable Tray

The T5 cable tray is a heavy-duty, perforated system with an 80mm cable depth and one-piece formed construction, providing superior strength and long-span performance . Key features include:

- o Widths ranging from 150mm to 600mm
- o Supplied in 3-metre lengths
- o Supports high cable loads while maintaining airflow and accessibility
- o Suitable for commercial, industrial, and infrastructure environments
- o Combines the strength of ladder-style trays with the flexibility of perforated trays T5 trays are particularly suited for demanding projects requiring increased cable capacity and long-span support, making them a preferred choice for heavy-duty installations .

ET3 Cable Tray

The ET3 cable tray from EzyStrut is engineered for strength and visual appeal, offering a 43mm cabling depth and widths up to 600mm . Its one-piece construction and robust metal design allow it to support long spans and higher loads compared to similar trays. ET3 trays are available in pre-galvanised or hot-dip galvanised steel, making them suitable for both indoor and industrial applications. Accessories allow for flexible installation, including level changes and joining multiple trays.

Material and Compliance Options

Long-span trays in Australia are typically manufactured from:

Recommended Long-Span Cable Trays in Australia

- o Pre-galvanised steel
 - o Hot-dip galvanised steel (AS4680:2006 compliant)
 - o Aluminium for lightweight or corrosion-resistant applications
- Fire-rated and customised trays are also available for projects with specific safety or load requirements .

Summary

For long-span cable management in Australia, T5 and ET3 trays provide the best combination of strength, load capacity, and span length. They are suitable for heavy-duty commercial and industrial projects, offer compliance with Australian standards, and allow flexible installation with minimal intermediate supports. Choosing between T5 and ET3 depends on cable depth requirements, load capacity, and aesthetic or site-specific considerations .

Unistrut Australia manufacture a range of Cable Trays in a variety of materials as detailed in the individual catalogue pages: Riteway

Cable Trays - Reliable, Heavy-Duty Support for Electrical Installations Keep your cable runs organised, secure, and compliant with

NEMA VE 1-2017 Specifies requirements for metal cable trays and associated fittings designed for use in accordance with the rules

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ET3 Cable Tray G Product Details Cable Laying Depth Side Wall Cable Laying Widths Standard Length
40mm 50mm 150-600mm 3

Cable tray for electrical wiring in commercial and industrial projects. Browse T3, T5, perforated cable trays and accessories. Fast

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Cable Tray 150X50X3000mm Zn-Mg-Al Alloy Coat Runnur Part Number:CGYCR1-CT150M Mfr. Number: CR1-CT150M EAN / UPC

This comprehensive guide by Blitz Systems provides top tips for installing cable trays,

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