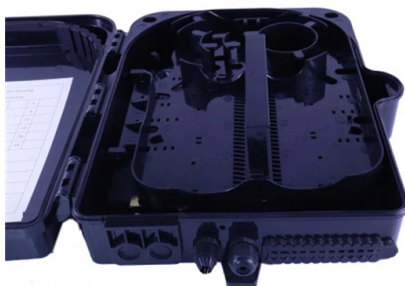


## Lightweight Cable Tray Construction in Australia



### Overview

EzyStrut is Australia's market leading supplier for cable support systems, offering cable ladder, tray, mesh and duct solutions.

### Key Takeaways

Lightweight cable trays in Australia are available in aluminium, perforated steel, and PVC, offering easy installation, ventilation, and compliance with Australian standards.

#### Types and Materials

**Aluminium Cable Trays:** Aluminium trays are lightweight, corrosion-resistant, and suitable for both indoor and outdoor installations. They provide a durable solution for commercial and industrial projects while being easier to handle than steel trays .

**Perforated Steel Trays:** These trays feature holes for airflow, reducing heat buildup around cables. They are ideal for light-duty applications where ventilation and quick installation are priorities .

**Plastic/PVC Trays:** PVC trays are extremely lightweight, cost-effective, and easy to cut to custom lengths on-site. They are suitable for smaller installations or where metal trays are unnecessary .

#### Benefits of Lightweight Cable Trays

- **Easy Installation:** Lightweight trays reduce labor effort and installation time compared to heavy-duty steel trays .

- **Cable Protection:** They shield cables from physical damage, moisture, and environmental factors .
- **Improved Airflow:** Open or perforated designs enhance cooling and prevent overheating .
- **Flexibility:** Lightweight trays allow easy modifications or additions to cabling systems over time .

#### Suppliers in Australia

- **EzyStrut:** Offers aluminium, pre-galvanised, and hot-dip galvanised trays, including customised solutions for high-volume or fire-rated applications .
- **RS Australia:** Provides aluminium, stainless steel, and galvanised steel trays, including cable baskets and kits for commercial and industrial use .
- **Ozstrut:** Supplies perforated, T3, and T5 trays, with lightweight options suitable for fast installation and compliance with Australian standards .
- **ACURA Group:** Offers perforated and hot-dip galvanised trays for lightweight and outdoor applications, with fire-rated options available .
- **Penn Elcom:** Specialises in PVC plastic trays that are lightweight, easy to cut, and ideal for custom installations .

#### Considerations for Selection

When choosing lightweight cable trays, consider:

- **Load Capacity:** Ensure the tray supports the weight of your cables. Perforated or PVC trays are suitable for lighter loads .
- **Environment:** Aluminium or stainless steel is preferred for outdoor or corrosive environments .
- **Fire Rating:** For compliance in commercial projects, fire-rated trays may be required .
- **Ease of Modification:** Lightweight trays allow easier future upgrades or cable additions .

Lightweight cable trays in Australia provide a versatile, efficient, and cost-effective solution for cable management across commercial, industrial, and residential projects.

## Article Content

### Cable Support Systems

EzyStrut is Australia's market leading supplier for cable support systems, offering cable ladder, tray, mesh and duct solutions.

ACURA Group | Cable Support Systems | Cable Tray | Cable Mesh

ACURA Group is a premier supplier of cable support systems for commercial and industrial construction projects and offers products

Blitz Systems | Cable Tray Installation Made Easy

Welcome to Blitz Systems, your trusted partner in delivering high-quality, efficient, and cost-effective cable tray solutions across

### Cable Support Systems

Burndy is an Australian owned and operated company. Our products are Australian made to Australian standards. Pioneers of the

Leading Cable Trays Supplier Australia

Leading Cable Trays Supplier & Manufacturer in Australia, offer a comprehensive range of products, including Ladder Cable Trays,

FRP Cable Ladders and Trays | Treadwell Group AU

We construct and supply both solid and ventilated trays with pre-assembled fittings with pre-drilled straight sections. This allows

Cable Tray Australia | Cable Management Tray | Cable Basket

Buy cable trays online from RS Australia. Shop a wide range including cable baskets & stainless steel trays for safe, durable cable

Cable Tray Sizes & Compliance: Meeting Australian Electrical Standards

Learn how to choose the right cable tray size. Meet Australian standards with Solar Rains' cable trays for safe & efficient solar.

ET5 Cable Tray

The ET5 is a strong cable tray that gives the installer cabling depths of 78mm. Available widths range from 150-600mm, and the

ET3 Cable Tray

The EzyStrut ET3 cable tray was developed to provide superior strength, and have an attractive visual form. It offers a 43mm cabling

Burndy CSS | Quality Australian Made Cable Support Systems

Burndy CSS offers Australian-made cable support systems with the best range, service, value, and quality for your cable

ET3 / 5 Covers

EzyStrut offers a comprehensive range of cable trays, including the CT, ET EzyTray, ET3 and ET5, made from durable pre

ET EzyTray Cable Tray G

EzyTray is a sensible cable tray choice for all general purpose electrical cabling installations in both commercial and industrial

Aluminium Strut, Cable Trays and Ladder | EzyStrut

Aluminium Strut, Cable Trays and Ladder A comprehensive range of Aluminium Cable Trays, Ladders and Strut... Jump to

Cable Tray | Cable Management | Rexel Australia

Cable trays and Cable Ladders for all types of electrical and construction projects in popular sizes and the industry's most popular

Tray Covers

EzyStrut offers a wide range of cable tray covers in durable pre galvanised or hot dip galvanised steel, to fit their comprehensive

Cable Tray | Burndy Cable Support Systems

Cable Tray | Use M6 x 10 Pan Screw (PS610Z) and M6 Flanged Nut (FN62 x 2) for installation of accessories. Ordering code: WIZ

Types of Cable Trays: Ladder, Perforated, Basket, Solid & Channel

Explore all types of cable trays—ladder, perforated, basket, solid, and channel. Learn their uses, materials, pros,

Related Video Reference

This video was associated with the source search result. Verify technical details against current product documentation and project requirements.

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This document is for preliminary research. Verify specifications against current standards, product documentation and project requirements.

