

Ireland Flame-Retardant Cable Tray Manufacturer



Overview

PEMCO is a specialist in delivering high quality cable containment and management systems for the electrical wholesale industry.

Key Takeaways

Flame-retardant and fire-resistant cable trays in Ireland are supplied by specialized manufacturers and distributors who comply with BS EN 13501 and other fire safety standards.

Flame-retardant cable trays are designed to resist the spread of fire, while fire-resistant cable trays maintain circuit integrity during a fire, ensuring critical systems like emergency lighting, alarms, and power supplies remain operational. Both types are essential in public buildings, hospitals, schools, industrial facilities, and offshore installations.

Key Standards and Compliance

In Ireland, cable trays and associated fire-rated systems must comply with:

- Euroclass A1/A2 fire ratings under BS EN 13501, as adopted in Irish Building Regulations 2025.
- Flame propagation tests such as BS EN 60332 and EN 50265 for cables.



- Compliance ensures safety, regulatory adherence, and insurance coverage.
- Manufacturers and Suppliers

While Ireland has limited domestic production, several international and local suppliers provide compliant cable trays:

- Tratos Group: Offers a range of flame-retardant and fire-resistant cables and trays, tested to BS EN 60332, EN 50265, and BS 4066 standards. They supply solutions for public buildings, hospitals, railways, and offshore platforms .
- Legrand Ireland: Supplies fire-rated cable management systems, including metal and polymer trays with flame-retardant coatings.
- nVent CADDY: Provides fire-resistant cable tray systems suitable for industrial and commercial installations in Ireland.
- Hager Ireland: Offers cable containment solutions with fire-resistant properties for electrical installations. Local electrical distributors such as Rexel Ireland, Crompton Electrical, and Sonepar Ireland often stock these products and can provide technical support for compliance with Irish fire safety regulations.

Applications

- Public buildings: Schools, hospitals, and government offices require fire-rated cable trays to maintain safety and emergency systems.
- Industrial facilities: Factories and processing plants use fire-resistant trays to protect critical power and control circuits.
- Offshore and hazardous environments: Oil & Gas platforms and chemical plants require trays that maintain circuit integrity under fire conditions.

Recommendations

- Verify that the cable trays meet Euroclass A1/A2 or equivalent fire ratings.
- Ensure the manufacturer provides test certificates for flame propagation and fire resistance.
- Consider low smoke and fume (LSF) options for enclosed public spaces to reduce toxic emissions during a fire.
- Engage with suppliers who offer technical support and installation guidance to comply with Irish Building Regulations. By selecting certified flame-retardant or fire-resistant cable trays from reputable suppliers, you ensure both regulatory compliance and enhanced safety for occupants and critical systems in Ireland.

Article Content

PEMCO Ireland

PEMCO is a specialist in delivering high quality cable containment and management systems for the electrical wholesale industry.

Cable Tray | National Electrical Wholesalers

Leading Irish Electrical Wholesaler since 1935. Expert in electrical equipment, lighting, wiring accessories, CCTV, fire alarms, and

GRP Cable Tray & Cable Ladders | EAE Electric

Yes, GRP cable trays are made from flame retardant materials and can withstand exposure to fire without igniting. They do not

Cable Tray In Ireland, Cable Tray Manufacturers Suppliers Ireland

Thanks to innovation and improved technology, we have evolved into a one-stop shop for Cable Tray manufacturers. Our highly

Cable Tray

JSM is an independently Irish owned electrical wholesale business with a combined experience of over 40 years. JSM was set up in

Excel Electric Group

Excel Electric Group specialises in the in-house manufacture of market specific cable support systems for Ireland and the UK, in

Cable Tray | Catalogue | GroupSumi

Cable Trays: Solutions for Cable Management and Protection At GroupSumi, we offer a comprehensive selection of high-quality

Cable Tray In Ireland, Cable Tray Manufacturers Suppliers Ireland

Wire mesh is made from sturdy Cable Tray, metal wires woven or welded together, making it highly resistant to impact and

FRP Trays

Our cable trays are manufactured as per NEMA standards and the Fire Retardant Grade confirms to IS 6746 for surface burning test

Cable Tray

Browse our durable cable trays designed for efficient cable management in domestic and industrial settings. Ensure safety and

Intumescent Cable Tray Pillow

A reinforced glass cloth pillow filled with fire resistant sponge and intumescent material which expands to 3 times its original size in a

GRP Cable Trays | Corrosion-Resistant & Non-Conductive | Bonn Group

Key Features: Corrosion Resistance: GRP cable trays are inherently resistant to moisture, chemicals, and corrosive environments,

Trunking and Cable Tray Protection

Fire-resistant trunking and cable trays are specifically engineered to withstand high temperatures and prevent the spread of flames.

EZ-FIT Medium Duty Cable Tray

Wesco Electrical LTD offers a wide range of Galv. Cable Tray - Medium Duty Cable Tray in Ireland. Available for express delivery.

Fire Resistant Cable Tray for Industrial & Commercial Projects

Fire resistant cable tray built for high-safety cable routing in industrial and commercial projects. Durable, corrosion-resistant, and

Cable Management

Wesco offers a wide range of quality Cable Management for all your commercial & domestic needs in Ireland. Choosing the right

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

