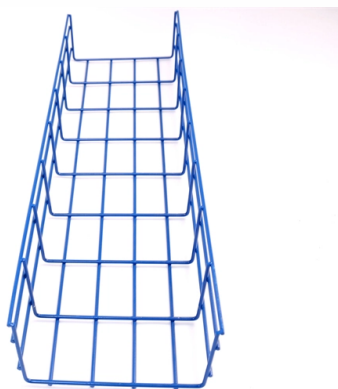


Ireland Flame-Retardant and Fire-Resistant Cable Tray Manufacturer



Overview

Fire-Resistant and Flame-Retardant Cable: Comparison Ngoc Lan Cable provides fire-resistant and flame-retardant cable products meeting international standards.

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

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Our Ireland-specific cable range covers LSZH, armoured, and non-armoured specifications, with sizes from 0.5 mm² to 630 mm², all

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Fire Resistant Cable

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What is a Flame Retardant cable and Fire Resistant cable

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A removable glass cloth coated pillow filled with fireproof sponge and intumescent material which expands to 3 times its original size

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FQJ&WBJ SERIES CABLE TRAY The WBJ Series Fire-Resistant Cable Tray is a newly developed product by our company,

Trunking and Cable Tray Protection

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

Related Video Reference

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