

Article Overview

Long-span cable tray systems in Ireland can be effectively supported using a variety of brackets, hangers, and fittings designed for medium- to heavy-duty applications.

Key Accessories for Long-Span Cable Trays

Stand-Off Brackets: These brackets provide secure spacing from walls or structural surfaces, essential for long-span installations. Options include 50mm, 75mm, 100mm, 150mm, and 225mm stand-off brackets, all made from pre-galvanised steel for durability and corrosion resistance, suitable for cable trays, trunking, and conduit systems . **Cable Tray Hangers and Supports:** Hangers are used to suspend horizontal runs of cable trays from ceilings or overhead structures, while support brackets secure trays at various points along the span. These accessories ensure stability and prevent sagging in long runs . **Fittings and Couplers:** To manage directional changes or join sections of tray, accessories such as tees, crosses, couplers, and swift clips are used. **Ladder trays,** which are ideal for heavy-duty power cables, often require solid cover fittings to protect cables from dust, water, and falling objects . **Wire Mesh and Ventilated Trays:** Wire mesh basket trays are lightweight, flexible, and allow excellent ventilation, reducing heat accumulation. Ventilated trays may require additional slots or holes for smaller cables, while solid-bottom trays provide maximum protection for sensitive cabling .

Material and Load Considerations

Accessories are typically manufactured from pre-galvanised steel or other corrosion-resistant finishes. The choice of accessory depends on the tray type (solid-bottom, ventilated, or ladder) and the load requirements. Long-span installations benefit from accessories that allow higher cable loads and maintain proper air circulation to prevent overheating .

Suppliers in Ireland

- o Niedax Ireland offers a wide range of cable tray systems and accessories, including RLVC systems, wire mesh trays, and ladder trays, with customizable dimensions for long-span applications .
- o RS Components Ireland provides high-quality accessories from brands like Legrand, Cablofil, and Schneider Electric, including hangers, supports, and fittings suitable for industrial and commercial installations .
- o National Electrical Wholesalers stock pre-galvanised stand-off brackets and other essential accessories for medium-duty long-span cable tray setups .
- o Electrical Wholesaler Ireland and Dwyers Electrical also supply durable cable trays and accessories with competitive pricing and fast delivery . Using the right combination of brackets, hangers, and fittings ensures that long-span cable trays remain secure, properly ventilated, and capable of supporting heavy cable loads in

industrial and commercial environments.

SFSP cable trays and accessories from SFSP are manufactured from steel sheets in accordance with BS EN 10130/BS EN 10131/

Wide range of Cable Management at Screwfix.ie. Organise, route and protect cables. Suitable for both domestic and commercial

SWA Cable Management Systems Adaptable Boxes/Junction Boxes Cable Trays Compartment Trunking Fixings/SWA Glands

Cable management encompasses the organisation, routing and protection of wiring systems across a range of installation types.

Selection of cable tray and cable tray accessories

Some applications may require the cable tray to support the weight of a single, dead object in addition to the cable loads.

Cable Trays Systems The Niedax Cable Tray is an extremely versatile and cost effective solution for your cabling needs. You can

Our cable tray catalogue covers all cable management and protection needs, from domestic installations to large-scale industrial

Cable trays are components used in the wiring of buildings to support insulated cables and organise them to be hidden from view.

You can select from a wide range of tray sizes, fittings and accessories in various material thicknesses and finishes. Niedax Cable

The long-span cable tray adopts the structure of a strengthened side plate, which greatly increases the load capacity of the bridge.

For heavily loaded routes with few support points, long-span cable trays are usually the better choice than simple standard trays.

Streamline your cable management with durable plastic trunking and trays from HQ

Cable glands ensure proper sealing and strain relief at cable entry points. Cable trays offer organized routing and support for cables.

Cable Accessories Ltd stock full range of Splice Protectors, Splice Trays, Port Seals, Adapters and other Fibre Optic accessories.

Engineered for long distance cable routing, long-span cable tray offers high load capacity and strong

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