

Integrated cable tray anti-electrostatic tracking



Article Overview

Integrated cable trays can be designed with anti-electrostatic (ESD) properties to safely route cables in environments sensitive to static discharge while supporting heavy-duty or walkable applications.

Overview

Integrated cable trays are used to organize, protect, and route electrical and data cables in industrial, manufacturing, and electronics environments. When dealing with static-sensitive equipment, such as ICs, sensors, or automated machinery, anti-electrostatic or conductive materials are essential to prevent electrostatic discharge (ESD) that could damage components.

Materials and ESD Protection

- **Conductive or static-dissipative plastics:** Cable trays can be made from thermoformable polymers or conductive corrugated plastics with surface resistivity in the range of 10^3 – 10^9 ohms per square, which safely dissipates static charges .
- **Metallic trays with grounding:** Galvanized steel or aluminum trays can be grounded to prevent charge accumulation, providing both structural strength and ESD protection .
- **ESD-safe coatings:** Some trays incorporate static-dissipative coatings or inserts to ensure that cables and surrounding surfaces do not accumulate harmful static electricity....

Article Content

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Cable trays

We offer a wide range of cable tray systems to support tubing, electrical cables and instrumentation. Our cable trays are produced in

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Staticide® Conductive Trays

ACL Staticide® Conductive Trays help to safely transport and store static sensitive components and assemblies in electrostatic

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IEC 61537:2023 | IEC

Where necessary, cable tray systems and cable ladder systems can be used for the arrangement of cables into groups. This

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Cable Tray | EAE Electric | Medium & heavy duty cable trays

Explore EAE Electric's medium and heavy-duty cable tray systems designed for optimal cable management and durability in

Jan 11, 2026

Anti Static IC Trays Jedec Matrix Electronic Components Trays

JEDEC Anti Static IC tray is a specialized tray designed to protect integrated circuits (ICs) from electrostatic discharge (ESD) during

Apr 01, 2026

Cable Tray Systems

Durable and reliable cable tray systems providing premium performance in commercial and industrial applications, available in a

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Snap Track Cable Tray System

Snap Track is TechLine Mfg's UL Classified channel-type cable tray system for industrial plants - faster install, fewer supports.

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Cable Trays

Choose from a wide array of cable tray products designed by MonoSystems, the leader in cable management equipment.

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Cable Tray Technical Guide A practical guide to product selection and ...

Cable tray installed in a hazardous location must contain only those cables that are appropriate for this type of environment as

Dec 18, 2025

Eurostrut Cable Trays | cable tray, cable route and NATO tray

Cable trays for industrial and marine use. Includes distribution trays, cable routes and NATO-type models. Request a quote directly

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Wire Organization

Wire Basket Overhead Cable Tray Routing System Wire Basket contributes to effective space utilization

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GUIDE CABLE TRAYS TECHNICAL

In accordance with its continuous improvement policy, Legrand reserves the right to change the specifications and illustrations

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Wire Mesh Cable Trays

These cable trays are lined with wire mesh to route and support small diameter cable, such as data communication cable. The mesh

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Cablofil Cable Management | Legrand

Build a cable management system with Cablofil wire mesh cable tray, ladder cable tray, prefab assemblies for branch circuit wiring,

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ESD Tray Packaging

ESD Trays VisiPak specializes in the design and manufacturing of custom ESD Trays including anti-static,

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Conductive Component Trays for Safe Static Handling

Keep high value components secure with Bondline's conductive component trays. An excellent solution for

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Cable Management Trays

Our Cable Management trays are light in weight and are easy to maintain. They are a great trouble-free way to keep your cables

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Cable Tray Systems – CableOrganizer

Cable tray systems are the perfect solution for running large quantities of power or data cables overhead or under-floor. Also known

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Cable Tray Capabilities

When cables are laid in a new electrical power, machinery or data/communications fit out, cable tray is generally the most popular

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Metro End-Load ESD Safe Electronics Tray Transport

Unlike traditional mobile racks, these ESD tray racks are designed specifically to safeguard electronic

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Cable Tray And Fittings | Graybar Store

There are a large number of cable tray fittings that are made compatible with each type of tray. These fittings help in maintaining

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Electronic Parts Trays | ESD Safe Trays | Electronics

ESD safe trays for shipping and storage. ESD plastic bins, stock trays for immediate shipment. Electronics

Jul 19, 2026

IEC 61537:2023

EXAMPLE a) cable tray length or cable ladder length, b) cable tray fitting or cable ladder fitting, c) coupler, d) support device, e)

Dec 21, 2025

ESD Trays | Anti-Static Trays | Stock Plastic Packaging

ESD Trays are stock and include anti-static and conductive options. ESD-Safe Trays are used for packaging, shipping, and storage

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Cable Tray and Reels | Wire and Cable Management

Fast installation with dependable support. Everything you need to build a cable management system, including Cablofil wire mesh

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Cable Tray | Wire Mesh, Ladder Tray and More Wire Management

Cable trays and baskets are designed to help support and route cable bundles in an organized manner along ceilings or walls. Shop

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Data center room: anti-static metal ceiling and cable management ...

Overhead cable trays integrated with metal ceiling systems create a structured approach: "Our integrated solution

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Cable Trays and Accesories

Cable Trays and Accessories are designed to meet most requeriments of cable and electrical wire installations and comply to local

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ESD Trays, Anti-Static Trays, Electro-Static Discharge Trays, ESD ...

Primary Automation, your source for ESD trays, anti-static trays, electro-static discharge trays, ESD plastic trays, anti-static products,

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Cable Tray Systems | Cable Management Trays | Metsec

Our Cable Tray Systems and cable management trays offer high quality steel and galvanised steel solutions for the mechanical and

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ESD workpiece carrier | swissplast plastics technology

We manufacture standardised and customised antistatic trays, packaging and workpiece carriers that you can use for handling,

Contact Us

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