

RIVO MULTITRADE OPTICAL SYSTEMS

Portable Mobile Cable Tray for Ground Cables



Overview

Choose from our selection of cable trays, including over 850 products in a wide range of styles and sizes. Same and Next Day Delivery.

Key Takeaways

Portable mobile cable trays are modular, lightweight systems designed to safely route and protect ground cables while allowing easy relocation and flexible deployment.

Portable cable trays are used to manage temporary or mobile cable installations, such as at construction sites, events, or industrial facilities. Unlike fixed cable trays, these systems are designed for mobility, quick setup, and safe ground routing. They prevent tripping hazards, protect cables from damage, and maintain organized cable runs.

Types and Materials

- **Wire Mesh Cable Trays:** Constructed from welded steel wire, these trays are lightweight, strong, and easy to cut or modify on-site. They allow excellent ventilation and are suitable for heavy power or data cables.
- **Modular Plastic or Halogen-Free Trays:** Lightweight and corrosion-resistant, these trays are ideal for temporary outdoor use and can be easily connected or extended.



- **Galvanized Steel or Aluminum Trays:** Provide higher load capacity and durability for heavier cables, suitable for repeated deployment in industrial environments .

Features for Mobility

- **Modular Sections:** Trays come in straight sections (1–3 meters) that can be joined with couplers or snap-fit connectors for quick assembly .
- **Foldable or Stackable Designs:** Some portable trays can be stacked or folded for transport.
- **Lightweight Materials:** Wire mesh or plastic trays reduce weight, making them easier to move.
- **Protective Covers:** Optional lids or ramps protect cables from foot traffic or vehicles when laid on the ground.

Installation Considerations

- **Load Capacity:** Choose trays rated for the weight of your cables, including power and data lines .
- **Ground Protection:** Use rubber feet, ramps, or mats to prevent damage to both cables and the surface.
- **Compliance:** Ensure trays meet standards such as DIN EN 61537, IEC, or NEC for safety and fire resistance .
- **Flexibility:** Modular trays allow for quick reconfiguration as site layouts change.

Accessories

- **Couplers and Bends:** For connecting sections and routing around obstacles .
- **Cable Ties and Clamps:** Secure cables within the tray.
- **Risers or Supports:** Elevate trays slightly off the ground for ventilation or drainage.

Applications

- Temporary power distribution at construction sites or events.
- Industrial maintenance or testing setups requiring frequent cable relocation.
- Data center or laboratory environments where flexible cable routing is needed.
- Outdoor or harsh environments using corrosion-resistant materials. Portable mobile cable trays combine safety, flexibility, and ease of installation, making them ideal for managing ground cables in dynamic environments while protecting both cables and personnel.

Article Content

Practices for grounding and bonding of cable trays

If a wire mesh cable tray is supporting cable with a built-in equipment grounding conductor or control or signal cables, then the tray

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From heavy power cable pathways on oil drilling platforms to data center cabling, explore the cable tray that's strong yet easy to

Mobile Wire Spool Cart

Explore our Mobile Reel Caddy for convenient cable storage and transport. With high capacity, easy-to-use features, and a

Practices for grounding and bonding of cable trays

Cable tray may be used as the Equipment Grounding Conductor (EGC) in any installation where qualified persons will

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

Overall, cable tray systems are an essential component of modern infrastructure. They provide a safe, durable, and flexible solution

Mobile Reel Caddy

Mobile Cable Racks are designed to transport and dispense spooled electrical cable. Choose from two styles depending on cable

Wire Cable Trays, Wire Management Baskets & Accessories

Their open face, grid pattern design allows optimal airflow to keep hard-working networking and industrial cables cool, reducing the

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

Cable Ladder Trays

When it comes to Cable Ladder Trays, you can count on Grainger. Supplies and solutions for every industry, plus easy ordering, fast

Tray Cable

Our selection of THHN-PVC Tray Cable comes with multiconductor options, with and without ground. All can be cut to length and

Equipment Grounding Conductors for Cable Tray Systems

Equipment Grounding Conductors for Cable Tray Systems Cable tray wiring systems have excellent safety and dependability

Cable Tray Ground Lugs

Ground Bolt/Lug To Secure Ground Wire To Tray Sections, Conductive Copper for Ground/Bond Category: Cable Tray Ground Lugs

Amazon : Cable Tray

Discover cable trays that elevate your setup. Get easy-install, expandable solutions to neatly organize cords in your office, home, or

Cable Tray Grounding Wire: What You Need to Know

Discover the best practices for Cable Tray Grounding Wire installation. Learn key requirements, safety tips, and

10 Things to Consider when Selecting a Cable Tray | Snake Tray

For higher voltage systems it is important to treat the cable tray as an equipment grounding conductor in conjunction

Grounding cable trays: requirements, norms, instructions

How to ground cable trays and what requirements should be considered? Which wire do you need to use to ground the cable

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