Sanke cable tray bending

Overview

PON Snake Tray protects and secures fiber cables while maintaining the proper bend radius for optimal cable performance.

Key Takeaways

Snake Tray cable trays feature a patented hand-bendable design that allows quick, tool-free bends around obstacles, walls, and floors while protecting cables.Hand-Bendable Design

Snake Tray's cable trays are engineered to be hand-bendable, enabling installers to create turns in 10 seconds, compared to 15–20 minutes with traditional wire mesh trays . This design eliminates the need for cutting or specialized tools, significantly reducing labor and installation time. The trays can bend around obstacles, transition from walls to overhead suspension, and move from underfloor to wall risers with ease .

Bend Radius and Cable Protection

For vertical transitions, Snake Tray offers Waterfalls with a smooth 4-inch bend radius, which prevents cable kinking as cables exit trays into cabinets or drop to lower levels . This ensures a damage-free transition and maintains cable integrity, especially for sensitive data or fiber optic cables.

Installation Flexibility

Snake Tray's built-in mounting hardware allows for versatile installation:

• Wall mounting without brackets using the 501 Wall Snake Tray .

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• Suspension from threaded rods or simple beam clamps for overhead runs .

• Underfloor bends using built-in foot rings for stability .

• Risers and horizontal intersections with 101 and 201 series trays, supporting T and 4-way crossings . The trays are available in multiple materials, including pre-galvanized steel, stainless steel, powder-coated, hot-dipped, and rubberized PVC, allowing selection based on environmental and load requirements .
Practical Tips
• Plan bends in advance to minimize unnecessary adjustments.

• Use the built-in mounting rings (Snake Eyes) for secure attachment to threaded rods or beams.

• Maintain the recommended bend radius to prevent cable stress, especially for fiber optic or high-density data cables.

• Combine horizontal and vertical bends to navigate complex pathways efficiently without cutting the tray. Snake Tray's system is designed to reduce labor, material costs, and installation time while providing a flexible, durable solution for cable management in commercial and industrial settings .

Article Content

SNAKE TRAY® HAND BENDABLE CABLE TRAY

With the bendable cable tray from Snake Tray, the only thing you will ever cut is your construction costs!

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With Snake Tray the only thing you will ever cut is your construction costs! Snake Tray''s patented hand bendable design allows

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Snake Tray''s patented hand bendable design allows installers to create turns in 10 seconds versus 20 minutes with wire mesh cable

Snake Tray Ladder Tray

American Tech Supply now offers Snake Tray cable tray and raceway systems which is the world''s only hand bendable cable

Snake Tray

The Snake Tray is the world''s only hand bendable cable management system that bends in any direction in seconds without cutting,

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Our hand bendable design combined with Snake Tray''s built-in mounting hardware gives Snake Tray the installation cost saving

Wall Mounted Raceways, Wall Mount raceway system, Cable

American Tech Supply now offers Snake Tray cable tray and raceway systems which is the world''s only hand bendable cable

Snake Tray® Bendable Cable Tray

201 series single pocket Snake Tray is utilized both below raised floors and overhead either mounted to

Mega Snake Cable Management

Maintains the proper bend radius for the cables, protects the cables when exiting and entering the tray and does not compromise the

Snake Tray, 401 SERIES SNAKE RACE™, Raceway Systems

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Snake Tray® Bendable Cable Tray

Product Overview 201 series single pocket Snake Tray is utilized both below raised floors and overhead

Aluminum Cable Tray Accessories

A wide selection of accessories for Snake Tray''s signature aluminum cable trays.

Why Snake Tray''s Hand Bendable Cable Trays are the

Read Why Snake Tray''s hand bendable cable Trays are the best in the market, with multiple

snake tray master installation sheet dd

Figure 1 - Attaching the 101 Series Snake Tray to the fl oor using CM-CA-38 anchor bolts 5) Changes of direction are accomplished

snake-tray-cable-tray-guide dd

Unique rounded cable pocket features "lobster trap" design to prevent cables from jumping out of the tray during turns and elevation

Snake Tray Catalog-Volume VIII-JAN 2026-96pg

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Snake Tray® is dedicated to designing and manufacturing innovative cable management, power distribution systems and enclosures

Master the Cable Tray Secret to Perfect Back of Bend ...

The Easy Guide to... How to Master back of bend measurements on electrical Cable

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Snake Tray ® Installation Instructions 101 Series Snake Tray Determine cable tray pathway layout Layout trays according to the

Snake Tray® Cable Management Systems

It''s the most flexible wire mesh tray cable runway system designed to support both fiber optic cabling and

Solar Cable Management | Snake Tray

Solar Snake Tray® – Hand Bendable Cable Management Solar Snake Tray is the only weatherproof, hand-bendable cable

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101 SERIES SNAKE TRAY® HAND BENDABLE CABLE TRAY

The 101 series Snake Tray is designed for installation below a raised floor and as a riser along vertical surfaces. Available in several

Cable Management Raceway | Snake Tray

The 652 Series Cable Management Raceway by Snake Tray is designed to protect and house runs of control and power cables.

Snake Tray Cable Management

Snake Tray Cable Management Solutions Install Faster and Smarter Than Any Cable Tray Product in Today''s Market. All of our

Hand Bendable Mega Snake, A High Capacity Cable Tray That Can Bend ...

Mega Snake is the preconfigured high capacity overhead cable tray that comes in straights, turns and Ts to make

Snake Tray® 401 Series Mini Cable Trays

Snake Tray® 401 Series Cable Trays Features Compact design fits into narrow, cramped spaces and saves space for parallel

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Bending Cable Tray

You can buy a manufactured 90 degree bend or make one on a cable tray bending machine but in this video I show

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Snake Tray has revolutionized cable management, power distribution and enclosures with a variety of innovative products designed

Microsoft Word

Secure tray to the floor through the built-in mounting rings with applicable fasteners at a minimum of 4''0” OC (fig 1) Changes of

Snake Tray 653 Series – Aluminium Cable Tray

The full range of aluminium cable trays is manufactured in Snake Tray''s factory and stand ready to deliver to your next project.

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Snake Tray® 454 Series Flexible Cable Tray | Snake Tray

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The 454 series flexible cable tray from Snake Tray can be mounted overhead or on a wall in one easy-to-install system.

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Snake Tray has revolutionized cable management, power distribution and enclosures with a variety of innovative products designed

Electrical Cable Management Systems | Snake Tray

Snake Tray has revolutionized the data and power distribution market with cable management, power distribution

Drawings | Innovative Cable Trays, Cable Management and Power ...

Download Snake Tray drawings detailing our innovative cable trays, cable management, and power distribution solutions. We sweat

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