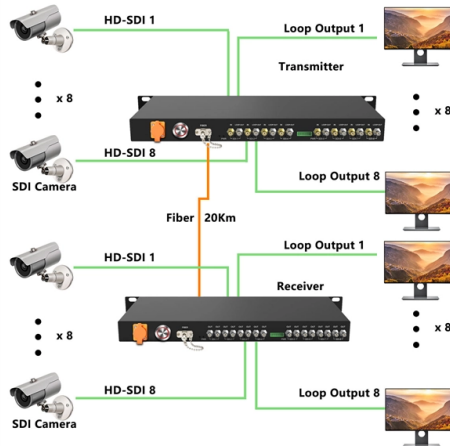


How to make a high-altitude bend in a mesh cable tray



AI Overview

To create a high-altitude (vertical inside) bend in a wire mesh cable tray, carefully cut and bend the tray upward at the required angle, ensuring smooth transitions and proper support to protect cables.

Understanding Vertical Inside Bends

A vertical inside bend allows the cable tray to transition from a lower to a higher level, such as from a floor-mounted tray to a ceiling-mounted system. Typical angles range from 30° to 90°, depending on the elevation change required. This type of bend is essential in multilevel installations to maintain smooth cable routing without sharp turns that could damage cables ().

Tools and Materials Needed

- Bolt cutters: For cutting mesh wires at precise points to allow bending ().
- Pliers or bending tools: To grip and gradually bend the mesh wires ().
- Protractor or angle marker: To measure and mark the desired bend angle ().
- Rubber caps or protective covers: To cover cut wire ends and prevent cable damage ().
- Support brackets or clamps: To reinforce the bend and maintain structural integrity ().

Step-by-Step Bending Process...

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For more information, pricing, or custom solutions, please contact us:

Website: <https://ntmmgroup.co.za>

Email: sales@ntmmgroup.co.za

Phone: +27 82 471 2596

Address: Unit 7, Optic Park, 24 High-Tech Lane, Century City, Cape Town, 7441, South Africa

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