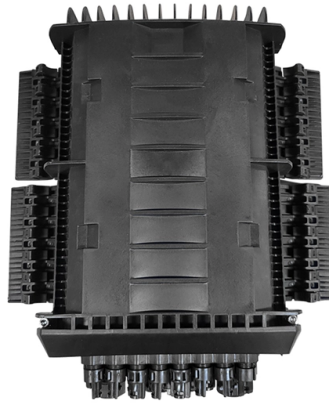


Back-to-back cable tray support



Article Overview

Back-to-back cable tray support uses double-channel cantilever brackets or strut-mounted clamps to safely support medium to heavy cable loads.

Overview

Back-to-back support is a method where two cable trays are mounted side by side, often sharing a common support structure. This configuration is commonly used in industrial and commercial installations to maximize space efficiency and organize multiple cable runs while maintaining structural integrity .

Support Methods

1. **Back-to-Back Channel Cantilever Arm Brackets** These brackets consist of a double-channel cantilever arm that can support medium to heavy loads. They are available in lengths from 150mm to 1200mm and are compatible with cable ladders and trays such as Speedway systems . The cantilever design allows the trays to extend outward from a central support, providing stability and load distribution. 2. **Strut or C-Channel Mounted Clamps** Cable tray clamps can attach trays to structural beams or strut channels. High-strength clamps, such as HP single and back-to-back strut-type supports, can handle loads up to 1,275 lbs. These clamps are typically furnished with all necessary hardware and can be installed without drilling into the structural beam, reducing labor and maintaining structural integrity . 3. **Pendant and Cantilever Brackets** For ceiling installations, pendant brackets (TKS, HUF, HDUF) and cantilever brackets (KTUG, KTA) are used. The back of the TKS profile is often stiffened with a spacer (TKSD 20) to ensure rigidity. These brackets can be combined with threaded...

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