



American Cable Tray Width Adjustment Plate

Article Overview

A horizontal adjustable splice plate allows cable tray runs to change direction in a horizontal plane and accommodates tray widths up to 36 inches without requiring bonding jumpers.

Overview

The horizontal adjustable splice plate is designed to modify the width or direction of a cable tray run when standard horizontal fittings do not fit the installation requirements. These plates are typically furnished in pairs with all necessary hardware and are compatible with ladder-style cable trays up to 36 inches wide . They are used in commercial and industrial applications to maintain structural integrity while allowing flexibility in layout.

Specifications

- o Tray Width Compatibility: Up to 36 inches
- o Side Rail Heights: Options include 4", 5", 6", or 7" depending on the tray model
- o Material: Commonly aluminum or steel, depending on manufacturer
- o Load Capacity: Designed to support a 200 lb concentrated load beyond the cataloged cable load
- o Bonding Jumpers: Not required for the new design

Installation Guidelines

- o Preparation: Determine the desired angle or width adjustment for the cable tray run.
- o Field Cutting: Mark and cut the cable tray or ladder to fit the splice plate using a metal cutting tool, taking care to avoid rungs that may interfere .
- o Attachment: Secure the splice plate to the tray using the provided hardware. Supports should be installed within 24 inches (600 mm) on both sides per NEMA VE2 standards .
- o Tools Needed: Wrench, drill, and metal cutting tool; no special tools are required .

Applications

- o Adjusting cable tray runs for non-standard horizontal turns
- o Connecting trays of different widths
- o Industrial, commercial, and data center installations where flexibility in tray layout is required
- o Compatible with Cooper B-Line (Eaton) ladder cable trays and similar systems

Manufacturers and Availability



American Cable Tray Width Adjustment Plate

- o Eaton / Cooper B-Line: Offers the 9A-FSP(X) series for adjustable horizontal splice plates
- o Graybar: Supplies aluminum pairs of horizontal adjustable splice plates for B-Line systems
- o Atlantic Hardware Supply: Provides various options for ladder cable trays up to 36 inches wide These plates are essential for ensuring structural integrity, flexibility, and reliable cable management in complex installations where standard fittings cannot accommodate the required tray layout.

Shop Cope fiberglass adjustable tray bends for customizable cable routing.

A practical guide to product selection and installation This guide for engineers and installers has been developed by ABB as a

Horizontal adjustable splice plate for Cope-GLAS cable tray system assembly.

The total load supported by the cable tray, uniformly distributed. This will be the combined weight of all of the cables or tray contents,

Cable Tray Vertical Adjustable Splice Plate, 7" Cable Tray Vertical Adjustable Splice Plate, 7 Inch High, Aluminum, Pair, Requires

SPLICE PLT KIT 4" & 6" DEEP FLEXTRAY Eaton B-Line series Flextray wire basket tray, Used with 4", 6", 8" and 12" system widths,

Flexible horizontal adjustable splice plates without extension plate Series 2~5 Aluminum Cable Tray The flexible horizontal

Series 2~5 Aluminum Cable Tray The flexible horizontal adjustable splice plates are designed to allow for horizontal direction

B. Cable tray systems are defined to include, but are not limited to straight sections of [ladder type] [trough type] [solid bottom type]

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

Wedge Lock Splice Plates, 6" High, Aluminum with SS6 Hardware Category: Cable Tray Splicer Plates Cable Tray Splice Plate,

B-Line series imperial cable tray is designed to reduce support costs. Learn about our multiple-point welding

American Cable Tray Width Adjustment Plate

system that results in

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

This versatile Horizontal Adjustable Splice is designed to create seamless connections between horizontal sections of cable tray,

Vertical adjustable plate for use with cable tray. Hinged vertical plates provide maximum flexibility for changes in elevation. Packaged

Perforated Cable Tray Load Capacities ... All tests per NEMA VE-1. 1.0mm thickness to maximum width of 300mm. All others tested

Web: <https://bssoda.pl>

