# Fiber Optic Splice Box Mounting Bracket

Article Overview

Installing a fiber optic splice box mounting bracket involves selecting the correct bracket, securing it to the mounting surface, and properly positioning the splice enclosure for safe cable routing and splicing.

Step 1: Select the Appropriate Mounting Bracket

Determine the type of mounting required: wall, pole, or pedestal. Use the accessory kit designed for your splice box model, such as the FIBRBox-PedMtgKt-UnivPF for pedestal perimeter frames or FIBRBox-PedMtgKt-UnivBP for poles or backplanes . Ensure the bracket is compatible with the enclosure and the mounting surface.

Step 2: Prepare the Mounting Surface

o For walls, ensure the surface is flat and can support the weight of the splice box .
o For poles, use the pole-mounting kit and secure the bracket with the provided straps or bolts .
o For pedestals, align the bracket with the pedestal frame and confirm it fits securely.

Step 3: Attach the Bracket

o Position the bracket at the desired height and orientation.
o Use appropriate fasteners (bolts, screws, or straps) to secure the bracket firmly.
o Verify that the bracket is level and stable to prevent stress on the fibers.

Step 4: Mount the Splice Box

o Place the splice enclosure onto the bracket and align it with the mounting points .
o Secure the enclosure using the supplied bolts or screws. For FIBRBox enclosures, use a 7/16" nut driver to tighten the lid and mounting bolts .
o Ensure the enclosure door can open fully for access to trays and splices.

Step 5: Prepare and Secure Cables

o Strip the cable jacket and clean the fibers according to manufacturer instructions .
o Attach strength member plates or forks to the cable using the supplied bolts .
o Insert the cable into the splice box entry ports and secure with clamps or tie-wraps to prevent movement .
o Route fibers carefully to avoid sharp bends and maintain minimum bend radius.

Step 6: Final Checks

o Confirm that all bolts and clamps are tight and the enclosure is stable.
o Verify that fibers are properly routed and spliced without stress.
o Close the enclosure and ensure the lid seals correctly to protect against moisture and dust . Following these steps ensures a secure, organized, and maintainable fiber optic splice box installation, reducing the risk of damage and maintaining network performance.

CommScope offers a complete line of easy-to-use access terminals, copper and fiber splice closures,

MacLean Network Solutions Fiber Coil Brackets (FCB) are designed to provide an easy and flexible method for attaching a splice

Overview Amphenol Network Solutions is pleased to offer a series of indoor wall mount enclosures for centralized splice-only

Thus, a fiber termination box is used to terminate the optical fiber cables in the field and

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General This document describes the installation of the WSB-48FI wall-mount splice box (Figure 1) manufactured by Corning Optical

Description All Systems Broadband ofers a Fiber Splice Box designed for indoor splice-only applications. Two configurations are

Fiber Splice Enclosures For aerial, pole or wall mount based application, our Optical Terminal Splice Enclosure delivers an efficient

Explore CommScope"s efficient and scalable fiber splice panels designed for seamless connectivity.

Furnished with four plugged cable ports (2 aluminum and 2 plastic) for either All-Dielectric Self-Supporting

24 Strand 1U Fiber Optic Cable Rack Mount Enclosure - the ultimate solution for seamless fiber optic connectivity and organization.

Fiber splice enclosure box is used for aerial, strand-mount FTTH "tap" locations where drop cables are spliced to distribution cables.

12-gauge steel H-frame stores up to 250" of 144-count fiber slack on any pole. Ships in 2-packs, splice

The BRIGHTBOX(TM) is a compact closure range for splicing optical cable and is designed for aerial and

The wall mount enclosures can be configured to suit a range of fibre counts and connector styles. The enclosures are suitable for

The WSB-48FI unit is a wall-mountable splice box for fiber optic cable (i.e. outside plant cable and

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