

Price of gas-filled communication cable splice box



Overview

Select the right electrical enclosure for your environment and the accessories you'll need to get it mounted and connected.

Key Takeaways

Gas-filled communication cable splice boxes typically range from \$150 to \$800 per unit, depending on size, material, and protection features.

Gas-filled splice boxes are specialized enclosures designed to protect fiber optic or electrical cable splices in harsh environments. They are often filled with inert gas to prevent moisture, dust, and corrosion from affecting the connections, ensuring long-term signal integrity and reliability. These boxes are commonly used in outdoor, industrial, or utility applications where environmental protection is critical.

Price Range

- Small indoor or standard outdoor models: \$150-\$300 per unit. These are usually compact, made of durable plastic or metal, and suitable for low-volume installations.
- Medium to large outdoor/industrial models: \$300-\$500 per unit. These often feature higher IP ratings, reinforced metal housings, and multiple cable entry points.



- High-end or custom gas-filled splice boxes: \$500-\$800 or more. These include advanced sealing technologies, large capacity for multiple splices, and specialized features for extreme environments .

Factors Affecting Cost

- Material: Metal enclosures are more expensive than plastic due to durability and environmental resistance .
- IP Rating: Higher ingress protection against water and dust increases price .
- Capacity: Boxes that accommodate more splices or larger cables cost more .
- Mounting Type: Rail-mountable or wall-mountable designs may influence cost .
- Supplier and Volume: Bulk purchases from industrial suppliers like Alibaba or DigiKey can reduce per-unit cost, while small retail purchases (Amazon) may be higher .

Purchasing Tips

- Verify the IP rating and gas-sealing quality for outdoor or humid environments.
- Check for built-in splice trays and strain relief to protect fibers and maintain organization.
- Compare bulk vs. single-unit pricing if planning large-scale installations. By considering these factors, you can select a gas-filled splice box that balances cost, durability, and performance for your specific communication cable application .

Article Content

Fiber Optic Enclosures & Outdoor Splice Closures | Multilink

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Splice Boxes | McMaster-Carr

Select the right electrical enclosure for your environment and the accessories you'll need to get it mounted and connected. Choose

Amazon : Fiber Splice Enclosure

FTTH Fiber Optic Waterproof Box, Black 4Pcs | IP67 Rated, Outdoor or Indoor, SC Adapter Protection, for Drop Cable, Splice

Splice boxes | Phoenix Contact

Splice boxes ensure continuously reliable real-time data transmission. With their compact and uniform design, the splice boxes for

Amazon : Splice Box

Find reliable splice boxes for safe wire connections. Browse junction boxes with flame-retardant covers and quick installation options.

Amazon : Gel Splice Kit

Shop comprehensive gel splice kits including connectors and protective materials. Handle various conductor sizes and voltage

3"x5' Communications Splice Box

3"x5' Communications Splice Box Overview Precast communications vaults are the industry's leading product choice to protect and

Conduit Fill Calculator | Southwire

Conduit fill is the percent of area inside the conduit taken up by the cable (s). Provides quick and easy results for the conduit fill

Fiber Splicing

Spec Sheet - A Closure 96F Splice Capacity - Single Fusion - 144F - Mass Fusion Single-ended, O-ring sealed dome closure for

Underground UF Splice Kit with Heat Shrink Tubing

Yes, the Gardner Bender Underground UF Splice Kit with Heat Shrink Tubing is suitable for 6/3 w/ground THHN PVC direct burial

Fiber Splice Boxes | Amphenol Network Solutions

FIBER SPLICE BOX The FSB series of indoor wall mount enclosures are designed for centralized splice-only applications. These

Handholes and Splice Boxes available at GUS

Handholes and Splice Boxes. Don't see it on the website? Questions? Call the Georgia Underground Superstore pros at 800-245-8339.

Amazon : 3m Cable Splice Kit

Inline Resin Power Cable Splice Kit 82-an, 10-2 AWG, 1 Kit | UL Listed, Permanent Watertight Seal, Designed for Weather Exposed

Fiber Splice Closures

We at Primus Cable offer the following Fiber Splice Closure and Fiber Splice Enclosure products: Fiber dome enclosures Fiber inline

Low Voltage Gel Filled Splice Kits

Easy-Splice H Tap Gel Splice Cover for 6 - 2 AWG The Easy-Splice low-voltage H-Frame closure insulates and seals low-voltage

SB01 Splice Enclosure and Accessories | AFL Global

AFL's SB01 splice enclosure box provides protection from all types of elements. From weather to bullets, the iron and steel

Splicing & Terminating Kits

Resin, Electrical Insulating, 4.8 cubic inches, 3.2 ounce Package. Resin is a 2-Part Epoxy Insulating and Encapsulating Resin. Use

2178 Splice Closure S/LS/LL/SL

A full line of closures and accessories designed to protect fiber optic facilities. The Fiber Optic Splice Closure 2178 family has earned

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This document is for preliminary research. Verify specifications against current standards, product documentation and project requirements.

