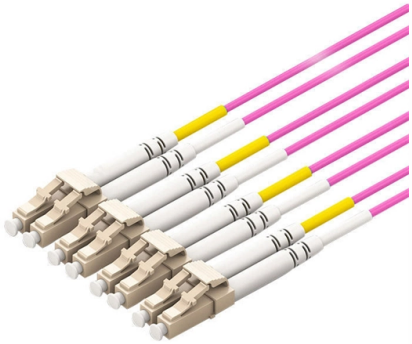
Waterproof splice box 850nm price



Overview

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

Key Takeaways

Waterproof fiber optic splice boxes for 850nm applications range from approximately US$1 per piece for basic 96-core models to higher prices for smaller or specialized enclosures.Pricing Overview
• 96-Core IP68 Heavy-Duty Splice Box: Sample price is US$1 per piece from Fibconet, designed for outdoor fiber optic distribution with robust ABS/PP casing, elastic rubber seals, and turnable splice trays for optimal fiber management .

• 12/24-Core Horizontal Type Splice Boxes: Prices vary depending on supplier and configuration. These boxes are IP65 rated, suitable for outdoor use, and can handle 12 or 24 fiber cores with 1-input and 2-output or 2-input and 2-output configurations .

• Other Options: On platforms like Alibaba and Lazada, prices fluctuate based on material (plastic vs. metal), core capacity, and additional features such as built-in splice trays, cable strain relief, and modular design .
Key Features Affecting Price
• Ingress Protection (IP) Rating: Higher IP ratings (IP67–IP68) for water and dust resistance generally increase cost.

• Core Capacity: Larger capacity boxes (e.g., 96-core) are often more cost-effective per core than smaller boxes (12–24 cores).

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• Material: Plastic enclosures are typically cheaper and corrosion-resistant, while metal boxes (stainless steel or powder-coated steel) offer superior durability and EMI/RFI shielding, increasing price .

• Design and Accessories: Features like turnable splice trays, bend radius guides, and modular compartments improve fiber management but may add to cost.
Buying Tips
• Verify the IP rating to ensure suitability for outdoor or wet environments.

• Consider the number of fiber cores required for your project to optimize cost per core.

• Check for built-in splice trays and cable management features to simplify installation and maintenance.

• Compare suppliers for bulk pricing, as industrial or commercial orders often reduce per-unit cost . In summary, waterproof splice boxes for 850nm fiber optics can start as low as US$1 per piece for high-capacity models, with prices increasing for smaller, specialized, or metal enclosures with advanced features. Always confirm specifications and IP ratings before purchase to ensure compatibility with your installation environment .

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