

Price of Multi-core Fusion Junction Box



Article Overview

Multi-core fusion junction boxes typically range from \$25 to \$80 depending on core capacity, material, and features.

Multi-core fusion junction boxes, such as 12-core or 24-core fiber optic splice boxes, are used to connect, splice, and manage optical fibers in telecom and FTTH networks . They are usually made from durable ABS+PC materials, offering waterproof, corrosion-resistant, and shockproof protection for both indoor and outdoor installations . Common features include reversible stacked fusion discs for easy assembly, wall or floor mounting, and compatibility with ribbon and non-ribbon optical cables . Price factors include:

- Core capacity: 12-core boxes are generally less expensive than 24-core or higher-capacity models.
- Material and durability: High-strength engineering plastics and IP65-rated waterproof designs increase cost.
- Additional features: Integrated PLC splitters, SC adapters, or dual-layer designs for easier maintenance can raise the price. Based on current market listings, a 12-core horizontal fusion junction box typically costs around \$25-\$40, while a 24-core or higher model may range from \$50-\$80 . Bulk orders or specialized configurations may further affect pricing. For precise pricing, checking online retailers like Amazon, eBay, or specialized fiber optic suppliers is recommended.

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