Price of Optoelectronic Integrated Cable Connector Box



Overview

Our RIBE-OPTOFIT® accessories offer the ideal solution for connecting fiber optic overhead cables and terminating the optical signal, and per-fectly complement proven RIBE-OPTOFIT® fittings.

Key Takeaways

The price of an optoelectronic integrated cable connector box typically ranges from $50 to $500 per unit, depending on fiber capacity, material, and environmental rating.

Overview

Optoelectronic integrated cable connector boxes, also known as fiber optic joint boxes or splicing boxes, are used to protect and organize optical fibers in outdoor and indoor applications. They are designed for high durability, often rated IP65 to IP67, and made from materials like aluminum alloy to withstand extreme weather, vibration, and moisture. Capacities vary widely, from 12 fibers up to 576 fibers, with common models supporting 24, 36, 48, or 60 fibers.

Factors Affecting Price

Fiber Capacity: Higher fiber counts increase the cost due to more internal splicing trays and connectors. Material and Durability: Aluminum or cast housings with high IP ratings are more expensive than basic plastic enclosures. Environmental Rating: Boxes rated for extreme temperatures (-40°C to +65°C) or high mechanical stress cost more.

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Supplier and Certification: Products with CE, RoHS, or UL certifications may carry a premium.

Typical Price Range

Small capacity (12–24 fibers): $50–$150 per unitMedium capacity (36–60 fibers): $150–$300 per unitHigh capacity (100+ fibers): $300–$500 or more per unit Wholesale suppliers like Alibaba offer bulk pricing, which can reduce the per-unit cost significantly for large orders. For specialized or custom designs, such as IP67-rated boxes with variable inlet diameters, prices may exceed $500.

How to Obtain Exact Pricing

To get precise pricing, it is recommended to: Contact suppliers directly via inquiry forms on platforms like Alibaba or manufacturer websites. Specify the required fiber capacity, environmental rating, and mounting type. Request bulk or project-based quotes, as discounts are often available for larger orders.

By providing these details, suppliers can offer accurate quotations tailored to your project requirements.

Article Content

RIBE® Electrical Fittings – OPTOFIT® OPGW / OPPC Accessories

Our RIBE-OPTOFIT® accessories offer the ideal solution for connecting fiber optic overhead cables and terminating the optical signal, and per-fectly complement proven RIBE-OPTOFIT® fittings.

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Datangwangjian Optoelectronic Composite Fiber Optic Cable

Datangwangjian Optoelectronic Composite Fiber Optic Cable Terminal Box Integrated Optoelectronic Fiber Optic Cable Splicing Box 4-Core 8-Core Sc/Fc/Lc Terminal Pigtail Box

Optic Cable Connector Boxes

Shop high-quality optic cable connector boxes for reliable fiber optic communications. Durable, waterproof, and customizable solutions for various needs.

Amazon : Fiber Termination Box

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Fiber Optic Wall Mount Box with LC Couplers for Single Mode & Multimode Fiber Optic Cable. | Fiber Box Enclosure for MPOE''s, Network Rooms, and IDF Rooms. (LC 6 Strand OS1/OS2)

"Optic Cable Connector Box"

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Amazon : Fiber Box

Fiber Optic Wall Mount Box with LC Couplers for Single Mode & Multimode Fiber Optic Cable. | Fiber Box Enclosure for MPOE''s, Network Rooms, and IDF Rooms. (LC 6 Strand OS1/OS2)

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Estink Fiber Termination Box, 1 in 1 Out Horizontal Fiber ...

Estink Fiber Termination Box, 1 in 1 Out Horizontal Fiber Optic Splice Enclosure IP68 Fiber Cable Connection Box Outdoor Cable Connection Plastic Sealed Box Kit (24 cores)

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Fiber Termination Box, 1 in 1 Out Horizontal Fiber Optic

Feature: 1. Can orderly store fiber connector and remaining fiber, in which the storage disc can be up to four layers large capacity and adjusted according to

Fiber Termination Box, 1 in 1 Out Horizontal Fiber Optic

Fiber Termination Box, 1 in 1 Out Horizontal Fiber Optic Splice Enclosure IP68 Fiber Cable Connection Box (24 core) Brand: Walfront 4.8 (16) ₹8,408.00 with 29

FTTR hybrid composite cable

FTTR on-site Photoelectric Composite Cable is a hybrid cable of integrated optical fiber and electrical copper wire; applicable for indoor tube conduct wiring, on-site optical fiber connection and electrical

UT-XC3701, 37mm XC Optical-Electrical Hybrid Fast Connector

UT-XC3701, 37mm XC Optical-Electrical Hybrid Fast Connector The UT-XC3701 is a specialized field-assembled optoelectronic hybrid connector designed specifically for use with 1.4*3.0mm

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

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