Price of Fiber Optic Coupler



Overview

High-quality fiber optic connectors and couplers are essential for a reliable fiber optic transmission.

Key Takeaways

Fiber optic couplers typically cost between $5 and $100 each, depending on type, quality, and application. Fiber optic couplers are essential components for splitting or combining optical signals in a network. The price varies widely based on the coupler type, fiber mode, and performance specifications.

Common types include LC, SC, ST, MTP, FBT (Fused Biconic Taper), and PLC (Planar Lightwave Circuit) couplers, each with different insertion loss, wavelength range, and durability characteristics. Typical cost ranges: Standard LC/SC couplers for singlemode or multimode fibers: approximately $5–$20 each for basic models suitable for indoor or low-power applications.

High-performance PLC or FB

T couplers with low attenuation and precise signal distribution: $20–$100 each, often used in professional or high-density networks. Specialty couplers such as TAP, isolator, dual-window, or high-power couplers may exceed $100, depending on customization and power handling requirements. Factors influencing cost include: Fiber type: Singlemode couplers are generally more expensive than multimode due to tighter tolerances.

© 2026 FD SOLUCIONES OPTICAL SYSTEMS - All rights reserved

Connector quality: Ceramic sleeves and APC/PC polishing increase reliability and cost. Application: Outdoor, high-power, or space-constrained installations may require specialized couplers. Volume: Bulk purchases or pre-terminated assemblies can reduce per-unit cost.

For planning purposes, a small indoor network may only require a few low-cost couplers, while large commercial or data center deployments could involve hundreds of high-performance couplers, significantly increasing total project cost. In summary, expect to pay $5–$100 per fiber optic coupler, with higher-end or specialized models costing more, and the final price depends on type, quality, and intended application.

Article Content

Buy fiber optic couplers from the experts

High-quality fiber optic connectors and couplers are essential for a reliable fiber optic transmission. In our online store, we offer a wide range of fiber optic connectors

Amazon : Fiber Optic Coupler

Discover fiber optic couplers for network connectivity. Find SC, LC, and ST adapters with low insertion loss for reliable connections.

Amazon : Fiber Coupler

ST Fiber Optic Couplers for Extending STUPC Single Mode Cables - Our STUPC Fiber Connectors are pre-Cleaned Barrel Connectors.

Fused Fiber Optic Couplers / Splitters

Thorlabs offers a varied selection of single mode (SM), polarization-maintaining (PM), multimode (MM), and double-clad fiber couplers, as well as 1x8 and 1x16 SM PLC splitters; 1x4, 1x8, and 1x16 PM

Fiber Optical Coupler

Explore a wide range of our Fiber Optical Coupler selection. Find top brands, exclusive offers, and unbeatable prices on eBay. Shop now for fast shipping and easy returns!

Sc/Sc Upc Duplex Mmf Fiber Optic Coupler With Flange (SC-COUPLER

Enet Components SC-COUPLER-MMF-DPLX-ENC for $6.52 - Sc/sc Upc Duplex Mmf Fiber Optic Coupler With Flange (sc-coupler-mmf-dplx-enc) Sccouplermmfdplxenc at

StarTech LC to LC Coupler 10 Pack, OS2 Single Mode SC

© 2026 FD SOLUCIONES OPTICAL SYSTEMS - All rights reserved

StarTech LC to LC Coupler 10 Pack, OS2 Single Mode SC Footprint LC Fiber Optic Coupler without Flange, LC/APC Duplex Adapter buy at discounted prices. Great Prices and nationwide

Dust Cap for Fiber LC Coupler Pkg/10

L-com offers an extensive line of protective dust caps for both fiber optic adapters and couplers. These universal caps protect fiber adapters and couplers from contaminates and damage that can cause

SpeedyCables Duplex LC to LC Fiber Optic Coupler

Product description Introducing the SpeedyCables Duplex LC to LC Fiber Optic Coupler (6 Pack), designed for seamless connectivity in your fiber optic network. Engineered for high performance, our

1 M Fiber Optic Coupler, 8 Way, optical

Megha Electronics - Offering 1 M Fiber Optic Coupler, 8 Way, optical at ₹ 105/piece in Vadodara, Gujarat. Get Fiber Optic Coupler at lowest price | ID: 26754839648

Coupler Fiber Optic Connectors – Mouser

Coupler Fiber Optic Connectors are available at Mouser Electronics. Mouser offers inventory, pricing, & datasheets for Coupler Fiber Optic Connectors.

StarTech SC to SC Coupler 10 Pack, OS2 Single Mode SC Fiber Optic ...

Startech SIMPLEXSCAPCF for $16.38 - Startech Sc To Sc Coupler 10 Pack, Os2 Single Mode Sc Fiber Optic Coupler With Flange, Sc/apc Simple at CompSource as of Friday Jul 10, 2026

CONEC Fibre-optic connector, single mode coupling

Found a lower price? Let us know. Although we can''t match every price reported, we''ll use your feedback to ensure that our prices remain competitive.

stemnet2.txt · 60856c1d2f06b2e3d4cea3560375fd3cf447af61 · etcart ...

TUT Dept. of Computer Systems GitLab server etcart / 60856c1d2f06b2e3d4cea3560375fd3cf447af61 Switch branch/tag RIVet stemnet2.txt Find file Blame History Permalink ...

COXO CX207-G Dental High Speed Air Turbine

COXO CX207-G Fiber Optic High Speed Air Turbine Handpiece 6-hole Coupler. #229-GK. 360° swivel. LED light. Easily Fit into KaVo or Coxo H16-KSPQ

1X2 1 To 2 Fiber Optical Splitter Coupler Cable SC UPC FBT ...

© 2026 FD SOLUCIONES OPTICAL SYSTEMS - All rights reserved

Find many great new & used options and get the best deals for 1X2 1 To 2 Fiber Optical Splitter Coupler Cable SC UPC FBT Signalmode Coupling n at the best online prices at eBay! Free

2m Ftth SC UPC 1X2 PLC Singlemode Fiber Optical Splitter FBT

Find many great new & used options and get the best deals for 2m Ftth SC UPC 1X2 PLC Singlemode Fiber Optical Splitter FBT Optical Coupler k at the best online prices at eBay! Free

Fiber Optic Cables | Fiber Patch Cables | Patch Cords, Duplex

Fiber Patch Cables, Multimode & Singlemode Duplex Fiber Optic Cables, Secure Order Fiber Patch Cords, Preferred Mil. Edu. Gov. Pricing, Same Day Shipping From CA USA, Verified Reviews

Contact Us

Continue your research online:

Website: https://fdsoluciones.es
Technical inquiry: https://fdsoluciones.es/project-enquiry.html

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

© 2026 FD SOLUCIONES OPTICAL SYSTEMS - All rights reserved