

Price range of mobile-specific bundled optical cables



AI Overview

Mobile optical cables, such as USB-C active optical cables, typically range from \$30 to \$150 depending on length, type, and features. Retail Prices for Active Optical USB Cables Active optical cables (AOC) designed for mobile devices, VR headsets, or USB-C connections are available in various lengths and specifications. For example, the Manhattan USB 3.2 Gen 2 Type-C active optical cable supports data transfer up to 10 Gbps, 4K video, and power delivery up to 60W, with prices generally ranging from \$50 to \$120 depending on length and retailer. These cables are designed for long-distance connectivity beyond the 5-meter limit of standard USB cables and offer enhanced durability and flexibility.

Factors Affecting Price

- Cable Length:** Longer cables cost more due to additional fiber and materials. Standard lengths range from 2 meters to 30 meters or more.
- Fiber Type:** Single-mode fiber is generally cheaper per foot than multimode fiber but may require more expensive equipment for use.
- Construction and Rating:** Armored or plenum-rated cables for harsh environments or indoor air-handling spaces are more expensive, ranging from \$0.50 to \$5 per foot.
- Pre-Terminated vs Bulk:** Pre-terminated cables with connectors are more expensive than bulk fiber sold by the foot. Pre-terminated USB-C AOCs include factory-tested connectors for plug-and-play use.
- Brand and Certification:** Certified cables (e.g., Apple MFi) or high-performance brands may carry a premium price.

Wholesale and Bulk Pricing

For bulk purchases, fiber optic cable materials alone can cost \$0.09 to \$1.52 per foot, while retail prices for pre-terminated or active optical cables are higher, reflecting manufacturing and testing costs. A simple 1-core FTTH drop cable may cost around \$0.13 per foot, whereas high-count cables for enterprise backbones can reach \$6 per foot or more.

Summary

Category	Price Range
Short USB-C AOC (2-5m)	\$30-\$70
Medium...	

Article Content

China's Optical Fibers, Bundles and Cables Market Report 2026

The Chinese market for optical fibers, bundles, and cables represents the single largest national arena for consumption and production globally, a position of dominance that is projected to

Hybrid Fiber Optic Cable Guide: Costs, 5G Apps & Power Limits

This guide covers hybrid fiber optic cable structures, 30 labor cost savings, and 48V/380V remote power calculations. Learn how to avoid common deployment mistakes and choose the right

Low Price Optical Fiber Bundle Suitable for 5G Networks | Alibaba

Shop high-quality optical fiber bundles for various applications. Find reliable, durable, and efficient solutions for your needs. Bulk orders and customization available.

Price of Telecommunications-Specific Bundled Optical Cable

AITAF provides end-to-end optical communication solutions, structured cabling, ODN, optical modules, fiber testing instruments, data center networks, base station energy, smart city communications, and

Primus Cable | Bundled Cable (Network / Coaxial / Power)

This bundled cable is ideal for some security cameras that utilize Ethernet cable, as one single run of cable provides both data and power. The bundled cable is

Fiber Bundles for Precise Light Transport — FindLight

They are then coated with a protective layer to prevent damage. The fibers are then bundled together and wrapped with an additional protective layer to provide flexibility and durability. Optical fiber

Optical Cable Pricing: Comprehensive Guide to Cost

Explore competitive optical cable pricing options, featuring detailed cost analysis, performance benefits, and long-term value propositions for modern networking

Boost Connectivity with Quality price list aerial bundled cable for ...

The market offers a diverse range of price list aerial bundled cable, each tailored to meet specific communication needs. Common types include coaxial cables, fiber optic cables, and twisted pair

Comprehensive Guide to Fiber Optic Cable Pricing: Cost Analysis and ...

Explore detailed insights into fiber optic cable pricing, including cost factors, quality considerations, and long-term value benefits for modern telecommunications infrastructure investments.

Fiber Optic Cables | Browse Optical Fiber Cable Distributors

Explore a variety of optical fiber cables designed for reliable data transmission. Download datasheets, compare pricing, and find a reliable distributor for fiber optic cables today at Octopart!

OECD Bundled Communication Price Benchmarking H2-2024

Explore the H2-2024 OECD Bundled Communication Price Benchmarking update. Compare bundled service pricing from 133 providers across 37 countries, covering fixed broadband,

Fiber Optic Cable Buying Guide

Fiber Optic Cable Buying Guide Understand how to choose fiber optic cable by comparing single-mode vs. multimode, network speed and distance needs, cable jackets/fire ratings, connectors, cost and

Wire & Cable Prices

CRU provides comprehensive, accurate and up-to-date price assessments and research reports for bare optical fibre across various key regional markets, combined with insights into the

Boost Connectivity with Reliable bundled optical fiber price Solutions ...

When building a network, consider particular application-specific needs, including bandwidth and distance, to choose the suitable bundled optical fiber price type and configuration.

Multi-branch Fused Silica Fiber Optic Bundles

Get a price quote for Multi-branch Fused Silica Fiber Optic Bundles directly from Bones Electronics Co., Ltd | Ask questions and find out technical details and specifications.

Bundled Optical Fiber

Discover bundled optical fiber solutions for reliable data transmission. Explore fiber optic cable assemblies and optical fiber connectors designed for high-speed fiber-optic communication networks.

Thorlabs · Multimode Fiber Bundles

Our stock fiber optic bundles are terminated with SMA905 connectors and are offered with high OH fiber, low OH fiber, and our mid-IR fluoride optical fiber (for 285 nm - 4.5 μ m). Our bifurcated optogenetics

Fiber Bundles, Assemblies

Product PortfolioAMS Technologies" broad portfolio of fiber optic assemblies ranges from single fiber cables terminated with industry standard connectors at both

Fiber Bundles, Assemblies

Fiberguide's bundled assemblies are available with numerical apertures from 0.12 to 0.66, with the widest range of custom and standard endfittings / connectors and outer jackets to tailor a product to

Fiber Cables & Bundles | FindLight

Fiber Cables & Bundles in the light transport domain are used to route optical power or signals between sources, components, and detectors. They provide controlled delivery of light with defined numerical

Fibre Optic Cable

View Eland Cables' range of singlemode and multimode fibre optic cables - loose tube and tight buffered. Technical support, fast quote, international logistics and fast delivery.

Fiber Optic Cable Cost Guide 2026 - LatestCost - Real-Time Price

Main cost drivers include cable grade (indoor vs outdoor, armoured), distance, and labor for trenching, splicing, and termination. This guide presents ranges in USD and practical price

Optical Fiber Cables

In the TME product catalogue, each fibre-optic cable comes with a precise specification in a PDF document containing all parameters and fields of application. Optical fibres can be divided into quartz

Contact Us

For more information, pricing, or custom solutions, please contact us:

Website: <https://www.umele-pestovani.eu>

Email: info@umele-pestovani.eu

Phone: +49 152 287 6349

Address: Neue Mainzer Straße 66-68, 60311 Frankfurt am Main, Germany

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