

Price list of high-speed optical cable hardware



Article Overview

High-speed optical cable hardware prices vary widely depending on type, data rate, length, and manufacturer, with most suppliers providing quotes upon request.

Key Factors Affecting Price

- Cable Type and Technology: Active Optical Cables (AOCs), Flyover® twinax, and ultra-low skew twinax assemblies differ in cost due to integrated transceivers, shielding, and signal integrity features (Samtec, Amphenol) .
- Data Rate and Bandwidth: Higher-speed solutions (e.g., 112 Gbps PAM4, 200–400G AOCs) are more expensive due to advanced materials and manufacturing precision .
- Length and Customization: Longer cables or custom assemblies for specific layouts, such as panel-to-board or co-packaged solutions, increase cost .
- Compliance and Standards: Cables meeting industry standards (SAS 3.0/4.0, PCIe Gen 3/4, Buy America/BABA compliance) may carry additional costs .
- Volume and Supplier: Bulk orders or sourcing from manufacturers in Asia, Europe, or North America can affect pricing and lead times .

Supplier Options

- Samtec: Offers high-speed board-to-cable and Flyover® systems with Eye Speed® ultra-low skew twinax, NovaRay® I/O, and AcceleRate® HP assemblies. Pricing is available via direct inquiry for customized solutions .
- Amphenol: Provides AOCs supporting 12G to 400G data rates, including QSFP DD 200G, Mini-SAS HD, and CXP2 assemblies. Prices depend on length, data rate, and c...

Article Content

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Product Type

Cable Assemblies Deliver optimal high-speed performance with a variety of cable assemblies, including copper, fiber and hybrid

ADSS & OPGW Cable Hardware & Fittings Solutions | ZTO Cable

Our hardware is engineered for secure and reliable cable support, optimal stress distribution, enhanced anti-vibration performance,

Cisco Optics | Transform Your Network

Get the highest quality, performance-leading optical transceivers for any network architecture. Find the transceiver model to fit your

Optical Network Hardware Market Report: Size, Growth, Trends

Optical Network Hardware Market size was valued at USD 24.51 Billion in 2024 and is projected to reach USD 54.94 Billion by 2032,

Fiber Optic Cables | Browse Optical Fiber Cable Distributors

Fiber optic cables are advanced communication lines that transmit data at high speeds using light, revolutionizing the way we

Fiber Optic Hardware | Fiber Panels, Housings, Racks, and ...

Corning has a wide variety of hardware solutions to choose from to fit your cabling needs. Choose from racks, panels, modules,

Fiber Optic Cable Hardware ADSS and OPGW | AFL

Fiber Optic Cable Hardware ADSS and OPGW delivers high-performance engineering, reliability and

High-Speed Fiber Optic Internet Plans From \$35/mo | AT& T

AT& T Fiber internet plans start at \$35/mo with no annual contract and no data caps.

FTTH Installation Accessories – Premium Cable

ZION Communication focuses on optical fiber cable hardware products, offering FTTH and ADSS series

Fiber Optic Cable Hardware ADSS and OPGW | AFL

Included in accessories are different types of hardware for the installation and efficiency of your cable

OPTICAL FIBER Ultra High Speed HDMI Cable

The Zeskit OPTICAL FIBER Ultra High Speed HDMI cables comply with stringent specifications designed

Fiber Optic Cables

FS provides multiple fiber optic cable types and cabling solutions proven in the demo scenario lab to ensure reliable high-speed

Fiber-optic cable

Different types of cable are used for fiber-optic communication in different applications, for example long

One-stop Optical Network Solution Provider | FiberMall

FiberMall provides leading solutions of fiber optic connectivity, factory direct delivery high quality, cost-effective optical transceivers,

Fiber Optic Cable Hardware Accessories for Europe | Weunion

Weunion manufactures and supplies a complete range of fiber optic cable hardware accessories, covering every

The Most Comprehensive Guide Of Optical Modules

Explore the ultimate guide to optical modules. Learn types, functions, performance metrics

The FOA Reference For Fiber Optics

Before beginning installation of fiber optic cables and hardware in a premises installation, the site must be

Product Catalogs (PDF) | Download by Category | AFL Global

Browse AFL product catalogs in PDF format fiber optic cable, connectivity, splicing, inspection tools, energy and enterprise solutions

Fiber Optic Systems

Our extensive offering of fiber optic cables, connectors, cassettes, enclosures, patch cords, cable

Monoprice 8K Ultra High Speed Fiber Optic HDMI Cable

Slimrun AV dynamic HDR Ultra 8K high speed HDMI cables are the next generation in active Optical cable systems. With support for

Active Optical Cables (AOC) | High-Speed Connectors

Explore Amphenol's high-speed Active Optical Cables designed for data centers, HPC,

Online Bulk Cable Company | CableWholesale

As a premier online bulk cable company, CableWholesale carries a large inventory of computer cables, USB, HDMI, fiber optic, VGA

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

claude.ai

Hier sollte eine Beschreibung angezeigt werden, diese Seite lässt dies jedoch nicht zu.

Optical Fiber Products

Optical fiber broadband brings together a culture of innovation, quality, and manufacturing excellence to create life-changing products.

FS | AI Infrastructure, Data Center, Enterprise Networking and

As a worldwide provider of high-performance network products and solutions, FS offers switches, optical transceivers, cabling

Ethernet Cable, Connector & Fiber Optic Solutions | trueCABLE

Our goal is to offer the fastest and most reliable Ethernet & fiber optic cables, connecting hardware, tools, and supplies directly to

SEO Title: Fiber Optic Cable Hardware & Accessories: The ...

Fiber Optic Cable Hardware & Accessories: The Foundation That Holds Your Network Together From suspension

109 Fiber Optic Cable Manufacturers in 2026

This section provides an overview for fiber optic cables as well as their applications and principles. Also, please take a look at the list

Buy Fiber Optic Cables & Accessories at EFB-Elektronik

The cost of a fiber optic network or expansion depends on the type of cable and fiber, the length and number of fiber optic cables

What Optical Equipment is Needed for Fiber Optic Network?

Key components include fiber optic cables, ONT, OLT, routers, Ethernet cables, NICs, Optical Power Meters, and

Hardware for ADSS Cable

ADSS cable accessories are simply fittings that are used to fix the ADSS cables to the poles so that the cables can perform their

All Active Optical Cables | 10G to 400G AOC | Multi-Vendor Compatible

Explore NS Active Optical Cables from 10G to 400G, compatible with Cisco, Huawei, Arista, NVIDIA, Intel, Dell, and more. [Shop](#)

Top Optical Transceiver Manufacturers: Leading the Way in High-Speed ...

Optical transceivers are critical components in modern communication networks, facilitating high-speed data

Optical Transceiver Pricing: Cost Ranges by Speed and Type

See practical price ranges for 1G-100G optical transceivers, DAC/AOC options, and why cost varies by speed, reach and technology

Google Tradutor

O serviço do Google, oferecido sem custo financeiro, traduz instantaneamente palavras, frases e páginas da Web do português para

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