

Active Optical Splitter Price



AI Overview

Active optical splitters typically range from \$20 to several hundred dollars depending on split ratio, specifications, and supplier. Typical Price Range For consumer-grade active optical splitters, such as digital Toslink audio splitters, prices start around \$20-\$50 on platforms like Amazon . More advanced network-grade splitters, used in FTTx, 5G, or data center applications, can cost \$100 to \$500 or more, depending on the split ratio (e.g., 1x4, 1x16, 1x32) and technical specifications . eBay listings also show a wide range of prices for active splitters, often influenced by brand, condition, and shipping options .

Factors Affecting Price

- Split Ratio:** Higher split ratios (e.g., 1x64, 1x128) increase cost due to more complex internal circuitry and higher insertion loss management .
- Technical Specifications:** Operating wavelength, insertion loss, return loss, polarization-dependent loss (PDL), and bandwidth all impact pricing. Compliance with standards like ITU-T G.984 (GPON) or IEEE 802.3ah (EPON) can also raise costs .
- Power Requirements:** Active splitters require continuous power, unlike passive splitters, which adds to the total cost of ownership .
- Region and Supplier:** Asia-Pacific, particularly China, dominates production, often offering lower prices. North America and Europe may have higher prices due to shipping, certifications, and local support .
- Form Factor and Efficiency:** Compact, energy-efficient modules with photonic integrated circuits (PICs) are more expensive but offer better performance and lower operational costs .

Purchasing Considerations

- Total Cost of Ownership (TCO):** Consider not just the upfront price but also power consumption, maintenance, and expected lifespan .
- Compliance and Certification:** Ensure the splitter meets safety and performance standards relevant to your region (RoHS, CE, FCC, Telcordia GR-1209/1221), .
- Performance Metrics:** Look for low and consistent insertion loss, high port isolation, and reliable signal integrity .

In summary, active optical splitter prices vary widely based on application, technical requirements, and supplier. For simple...

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PLC Splitter Pricing: Cost-Effective Solutions for Fiber Optic Networks

PLC splitter prices represent a crucial consideration in fiber optic network deployments, offering a cost-effective solution for signal distribution. These essential components, available at various price points

Amazon.ca: Digital Optical Audio Splitter

BlueRigger Digital Optical Audio Splitter 1x2 (Active Toslink Splitter, LPCM2.0, Dolby Digital, DTS 5.1)- Powered Digital Optical Splitter 1 in 2 Out for Home Theatre, DVD, TV, Receiver, Sound Bar 4.4

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Active Optical Splitters: Top Suppliers & Products for Reliable Network ...

Identifying the "best" active optical splitter depends heavily on the specific application, required performance, budget, and volume. Below is a comparison of notable options based on the

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Active Splitter for sale | eBay

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BlueRigger Digital Optical Audio Splitter | Active Toslink ...

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Amazon : Optical Splitter

BlueRigger Digital Optical Audio Splitter 1x2 (Active Toslink Splitter, LPCM2.0, Dolby, DTS 5.1) - Powered Digital Optical Splitter 1 in 2 Out for Home Theatre, DVD, TV, Receiver, Sound Bar 100+

Suchergebnis Auf Amazon Für: Optisches Kabel Splitter

Toslink Splitter 1 in 2 Out Optischer Splitter Digital Audio Optisches Kabel Verteiler Optical Audio SPDIF Verteiler Optisches Audiokabel Adapter für TV, DVD, Verstärker, Soundbar (Schwarz) 4,2 (1369)

Amazon : Powered Optical Splitter

2 Way Digital Optical Audio Splitter 1 In 2 Out Active Toslink SPDIF Fiber Optic With USB Powered, LPCM 2.0, PCM, Dolby, DTS 5.1 for HDTV, Home Theater, Soundbar, Receiver, Amplifier-

ANDTOBO Upgraded Digital Toslink Optical Splitter 1 in 2 Audio

This splitter allows you to connect a Toslink optical source and split it into two signals. Perfect for connecting your DVD player or other digital audio sources to receivers and recorders.

Contact Us

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

Website: <https://energy-powertools.eu>

Email: info@energy-powertools.eu

Phone: +49 172 6389472

Address: Musterstraße 12, 10115 Berlin, Germany

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