

Article Overview

You can purchase dual-core optical splitters from specialized fiber optic suppliers or online marketplaces, depending on whether you need a fiber network splitter or a digital audio splitter.

Fiber Optic Splitters

For networking and telecommunications applications, dual-core or multi-core fiber optic splitters are available from professional suppliers:

- o ShopFiber24 offers PLC (Planar Lightwave Circuit) splitters for single-mode fiber, supporting ratios from 1:2 up to 1:64. These splitters are passive, fail-safe, and suitable for FTTH, data centers, and industrial networks, distributing optical signals efficiently without power or configuration requirements .
- o CommScope provides bare and connectorized splitters for central office or headend applications, compatible with GPON, XGS-PON, and higher-speed standards. Their splitters are designed for inside plant (ISP) and outside plant (OSP) deployments, offering flexibility and scalability for fiber networks .
- o FS.com sells PLC splitters in various formats (bare, blockless, ABS, LGX, rack mount) with low insertion loss and high reliability, suitable for PON, EPON, and FTTX networks . These suppliers allow you to select split ratios, port counts, and connector types to match your network requirements.

Digital Optical (Toslink) Splitters

If your goal is to split audio signals from a single optical source to multiple devices:

- o BestCableSplitter lists top digital optical splitters, including dual-output models like the ZEXMTE Digital Optical Fiber Splitter, which splits one input into two outputs. These are compatible with projectors, DVD players, and TVs, featuring 24K gold interfaces to minimize signal loss .
- o Amazon also offers a variety of optical splitters for home theater and gaming setups, typically supporting 1x2 or 1x3 configurations with durable aluminum construction . When choosing a digital optical splitter, ensure it matches your device compatibility (Toslink) and supports the audio formats you need, such as PCM stereo or Dolby Digital.

Recommendations

- o For networking or industrial use, prioritize suppliers like ShopFiber24, CommScope, or FS for high-quality fiber optic splitters.
- o For home audio or entertainment, consider ZEXMTE or Amazon Toslink splitters for easy setup and reliable signal distribution.
- o Always check the split ratio, connector type, and signal loss specifications to ensure optimal performance for



Where to buy a dual-core optical splitter

your application.

This buyer's guide for beam splitters provides technical background, comparison of major types, selection criteria, and an overview of

Shop DigiKey's large in-stock selection of Beamsplitters. View inventory, pricing and order now for same day shipping!

1-16 of over 1,000 results for "fiber optic cable splitter" Results Check each product page for other buying options.

Easy operation: Easy hook up of multiple components without having to switch around connections allows you to connect one

This splitter / adapter allows you to connect one TosLink optical audio source and split into two signals. Perfect for connecting your

Amazon : optical cable splitter Global Recycled Standard (GRS) certified products contain recycled content that has been

CommScope offers a portfolio of bare and connectorized splitters/couplers in a wide range of styles and

1-24 of 131 results for "optical splitter 2 in 1 out" Results Check each product page for other buying options.

It allows you to connect one toslink optical digital audio source and split into two different receiving devices

Need to buy a digital optical cable splitter but don't know which one to pick? You have come

1-16 of 369 results for "optical audio cable splitter" Results Check each product page for other buying options.

1-16 of 752 results for "optical splitter" Results Check each product page for other buying options.

Shop for Optical Digital Splitter at Walmart . Save money. Live better.

Fibre optic splitters for reliable network technology A fibre optic splitter is an essential component in passive optical networks. It

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This is when an optical splitter proves most beneficial as an optical splitter will separate one input and output slot into many, allowing

Amazon : optical output splitter Global Recycled Standard (GRS) certified products contain recycled content that has been

Web: <https://in-au.co.za>

