ZITHA TECH SPECIALTY CABLES (Pty) Ltd

Optical splitter manufacturing company



Overview

Top Optical Splitter Manufacturers in United StatesDiscover all relevant Optical Splitter Manufacturers in United States, including PPC Broadband and OptiW.

Key Takeaways

Leading optical splitter manufacturers include PPC Broadband, T&S Communications, OptiWorks, HYC Co., Wuhan Rongyu, and Shenzhen Sopto Technology, offering high-quality fiber optic and PLC splitters for telecommunications and data center applications.Key Manufacturers and Their Offerings
• PPC Broadband: Provides optical splitters for indoor and outdoor use, focusing on high-performance fiber solutions for telecommunications .

• T&S Communications: Specializes in PLC splitters and FBT couplers, designed to enhance network performance in fiber optic systems .

• OptiWorks: Manufactures PLC splitters and other fiber optic components, supporting various telecommunications applications .

• HYC Co., Ltd: Produces passive optical devices including PLC splitters, essential for 4G/5G networks and data centers .

• Browave Corporation: Offers high-performance PLC splitters using fused biconical taper technology, suitable for FTTX deployments, PON networks, and CATV links .

• Fibre2EU: Provides customizable fiber-optic solutions, including optical splitters for diverse applications .

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• GrenTech: Develops 1xN and 2xN optical splitters with low insertion loss and compact design .

• Wuhan Rongyu Optical Communication Technology: Offers a full range of FTTH products, including fiber optic splitters, joint closures, and patch cords, emphasizing low-loss design and reliable signal transmission .

• Shenzhen Sopto Technology: Supplies advanced optical communication products, including splitters, optical transceivers, and fiber optic cables for telecom, data centers, and cloud computing .

• Shenzhen OPTICO Communication Co., Ltd: Manufactures a wide range of optical active and passive products, including splitters, terminal boxes, and optical chips for 4G/5G and data center applications .
Beam Splitter Manufacturers

For applications beyond fiber optics, beam splitters are produced by companies such as OptoSigma, which offers plate and cube beamsplitters for interferometry, microscopy, telecommunication, and quantum communication . Other manufacturers are listed in directories like GoPhotonics, which catalogs over 280 beam splitter suppliers .

Applications

Optical splitters are critical in telecommunications, FTTH networks, PON systems, CATV, data centers, and 4G/5G networks, enabling efficient signal distribution, low insertion loss, and reliable network performance. Beam splitters are used in scientific research, biomedical imaging, metrology, and quantum communication. These manufacturers provide a range of 1xN, 2xN, PLC, and FBT splitters, with options for indoor/outdoor deployment, customizable ratios, and high stability, making them suitable for both commercial and industrial optical network applications.

Article Content

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Optical Zonu Corporation (or “OZC”) is a privately owned, Los Angeles-based designer and manufacturer of Fiber Optic Components

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PFG Precision Optics specializes in manufacturing high-quality custom optical components, including

Micro Optical Components Suitable for Downsizing

Nippon Electric Glass Co., Ltd. is a Japanese specialty glass manufacturer. Our company has been leading the industry in the field of

OYI INTERNATIONAL LTD

Optical Fiber Patch Cord Solutions Optical Fiber Assemblies Solutions Optical Fiber Closure Solutions PLC

Optical Splitters Manufacturers and Suppliers in the USA ...

Custom manufacturer of optical filters, thin film circuits, sensors, and coatings. Optical filters includes dichroic, bandpass, and tunable

Holo/Or Design & Manufacture Diffractive Optical Elements & Micro

HOLO/OR develops, designs & manufactures Diffractive Optical Elements, micro-optics and opto-mechanical modules for laser

What Is PLC Splitter and How Does it Works?

PLC Splitter Manufacturing Technology PLC splitter is based on Semiconductor technology. As its name shows, PLC

18 Fiber Optic Splitter Manufacturers in 2026

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

The Working Principle and Application Scenarios of Fiber Optic Splitters

The working principle of fiber optic splitters is based on optical coupling and splitting . When a light signal enters the

PLC Fiber Optic Splitters Market Size And Forecast

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The Global PLC (Planar Lightwave Circuit) Fiber Optic Splitters Market encompasses the production, distribution, and application of

Global Optical Fiber Splitters Market Size, Share, Industry Trends ...

Optical Fiber Splitters Market size was valued at USD 1.2 billion in 2025 & is estimated to reach USD 2.5 billion by

Beam splitter

Beam splitters A beam splitter or beamsplitter is an optical device that splits a beam of light into a

PASSIVE OPTICAL SPLITTER

The following section outlines the key steps to manufacturing an optical splitter, where each step requires strict Quality Control of the

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Universal Optics

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Universal Optics offers a huge assortment of optical component that enabled in setting a benchmark of

Delta Optical Thin Film

Since the 1970''s Delta Optical Thin Film has worked closely with our customers to improve their competitiveness by designing and

Beam Splitter Manufacturers

A Beam Splitter is an optical device that splits a beam of light into two or more beams. The leading manufacturers of Beam Splitters

Fiber Optic Passive Device Manufacturer ODM JDM | HYC Co., Ltd

Innovative ODM/JDM of Passive Optical Components Founded in 2000, HYC Co., Ltd (HYC) is an innovative ODM/JDM of passive

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Optical Splitters for Central Office/Headend

CommScope offers a portfolio of bare and connectorized splitters/couplers in a wide range of styles and split ratios, and splitter

Fiber Optic Splitters Manufacturers and Suppliers in the ...

Custom manufacturer of optical beam splitters for semiconductors, electronics, and medical industries. Contract manufacturing

Precision Optics | Prisms | Custom Prisms | Precision Optical Inc.

With over 50 years of experience in optical fabrication, precision optics and custom prisms, Precision Optical has

Custom Beamsplitters

Contact our design team to discuss your precise optical needs and receive theoretical curves for potential

Evanescent Optics INC.

Our small footprint couplers, splitter/combiners and other components can be configured as NxM port, splice free coupler arrays and

PFG Precision Optics | Optics, Perfected

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