

Article Overview

Top PLC splitter manufacturers include Hangzhou DAYTAI Network Technologies, Corning Incorporated, and Spring Optical Communication, offering high-quality optical splitters for FTTH and GPON networks.

Leading Manufacturers

- o Hangzhou DAYTAI Network Technologies Co., Ltd - A top-ranked manufacturer specializing in PLC splitters and optical communication components, known for high-quality products and reliable performance in network distribution systems .
- o Corning Incorporated - A global leader in specialty glass and optical fiber, Corning provides QuickPath(TM) PLC optical splitters with low insertion loss, high performance, and options for custom modules, cassettes, and rack-mount designs .
- o Spring Optical Communication - Based in China, Spring Optical offers a wide range of PLC splitters for FTTH, GPON, and EPON networks, including 1x2, 1x4, 1x8, 1x16, 1x32, and 1x64 configurations. They provide LGX cassette, ABS, rack mount, and MPO types with low loss and high stability, and also support OEM/ODM services .
- o UnitekFiber Solution - Another notable manufacturer providing PLC splitters and optical fiber solutions for telecom and data networks .
- o T&S Communication Co., Ltd. - Offers optical communication components including PLC splitters, pre-terminated cable assemblies, and connectivity accessories, with ISO 9001:2015 certification and global distribution .

Product Features and Applications

PLC splitters are passive optical devices that divide a single optical signal into multiple outputs, essential for fiber-to-the-home (FTTH) and GPON networks . Key features include:

- o Low insertion loss and high stability for reliable signal distribution.
- o Port scalability from 1x2 up to 1x128 outputs, depending on network requirements.
- o Connector compatibility with MPO/MTP, LGX cassette, ABS, and rack-mount types.
- o Uniform signal distribution across multiple end users, improving network efficiency.
- o Advanced semiconductor and planar waveguide technology for precise light splitting .

Choosing a Manufacturer

When selecting a PLC splitter manufacturer, consider:

- o Product quality and certifications (e.g., ISO 9001:2015).



PLC splitter manufacturer

- o Range of splitter configurations to match network design.
- o OEM/ODM capabilities for customized solutions.
- o Global distribution and support for installation and maintenance. These manufacturers provide reliable solutions for telecom operators, data centers, and enterprise networks, ensuring efficient optical signal distribution and long-term network performance .

Splitter & WDM T& S PLC optical splitters deliver low insertion loss and stable performance, making them ideal for FTTX signal

Power your fiber networks with high-performance PLC splitters. Global B2B manufacturer offering bulk optical splitting solutions with

Home Products Fiber Optic Cabinets / Enclosures Fiber Splitters PLC Splitter 2: 32 Rack mounted Type With SC APC adapters

Low-loss PLC splitters for PON/GPON networks. ABS, LGX, rack-mount options. Insertion loss $\leq 0.3\text{dB}$.

Reliable rack mount PLC splitter manufacturer, our fiber optic PLC splitters are available in 19" rack mount, ABS box, 1X N blockless,

FS provides PLC Splitters (Free & Fast Delivery, Expert Tech Support, Outstanding Warranties).

These splitters are manufactured to help provide the high performance and reliability needed in the outside plant environment. These

PLC splitter is one of the most important passive devices in optical fiber links allows a single optical signal to be split

Spring Optical provides fiber optic splitters including PLC splitters and FBT couplers for FTTH and PON

In-Depth Guide: Selecting the Right PLC Splitter for Your Network As network wiring environments become

It is with no need for external power. This makes PLC splitters very reliable. And energy-efficient. The "Planar" in PLC

Fiber splitter solutions from Maxcom featuring PLC technology, low insertion loss, and high reliability. Ideal

Anfiber products are MEMS Optical Switch, SLED ASE DFB Light Source, Laser Source, PM Fiber, PLC Splitter, Optical



PLC splitter manufacturer

High-quality Fiber Optic PLC Splitters from OTRANS, a leading manufacturer. Explore 1xN/2xN types like mini tube, bare, ABS box

Riteoptic, Your PLC Splitter Manufacturer Riteoptic is a PLC splitter factory that produces high-quality splitters at a low cost and with

PLC Splitter Planar Lightwave Circuits (PLC) evenly distribute optical power across the single-mode

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

