

# Fiber Optic Splitter Without Connector

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## Variants

1\*16 1\*2 1\*4 1\*8

## Details

### Product Description:

The **1x16 PLC Splitter** is a high-quality optical device designed to split an optical signal from a single input fiber into 16 output fibers with minimal loss. It is widely used in FTTH (Fiber to the Home) deployments, PON (Passive Optical Networks), and other large-scale broadband installations. This splitter comes without connectors, offering flexibility for customized installations to meet specific network needs.

### Applications:

- FTTH (Fiber to the Home) networks
- PON (Passive Optical Networks)
- Large-scale broadband networks
- Data centers and telecommunications
- Fiber optic network distribution

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## Technical Specifications:

Specification	Details
Splitter Type	1x16 PLC (Planar Lightwave Circuit) Splitter
Wavelength Range	1260 nm to 1650 nm
Insertion Loss	≤ 18 dB (max)
Return Loss	≥ 50 dB (typical)
Fiber Type	SMF (Single-Mode Fiber)
Split Ratio	1 Input to 16 Outputs

Specification	Details
Fiber Length	Customizable (typically 1.5 m to 3 m)
Operating Temperature	-40°C to +85°C
Storage Temperature	-40°C to +85°C
Dimensions (L x W x H)	60 mm x 25 mm x 7 mm
Fiber Connector Type	None (raw fiber ends for customization)
Uniformity	? 1.5 dB
Packaging	Plastic Tube (for fiber protection)
Environmental Rating	RoHS Compliant, CE Certified

### Product Features:

- Compact Design:** Ideal for use in large-scale network setups, offering efficient signal splitting with minimal space requirements.
- Low Insertion Loss:** Provides excellent performance with low insertion loss to maintain signal integrity over long distances.
- High Reliability:** Engineered for durability and stable operation in demanding environments.
- Versatile Usage:** Perfect for telecommunications, broadband, and fiber-to-the-home (FTTH) applications.

The **1x16 PLC Splitter without Connector** is a perfect choice for customers needing a high-performance solution for large network deployments. At **D- Tech Trading**, we offer quality optical components that ensure seamless connectivity.

### Why Choose D- Tech Trading?

- At **D- Tech Trading**, we are dedicated to providing top-tier optical fiber solutions. Here's why you should choose us:
- Quality Assurance:** We offer high-performance products like PLC splitters, ensuring excellent signal integrity and minimal loss.
  - Customization:** Our solutions are tailored to meet your specific needs, ensuring seamless integration into your network.

**Competitive Pricing:** We provide premium products at affordable prices, offering the best value for your investment.

**Prompt Delivery:** Count on us for fast, reliable delivery to keep your projects on track.

**Expert Support:** Our knowledgeable team is always ready to assist with technical advice and customer support.

Choose **D- Tech Trading** for reliable, efficient, and cost-effective optical fiber solutions.