

Fiber Optic Splitter Without Connector

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

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.