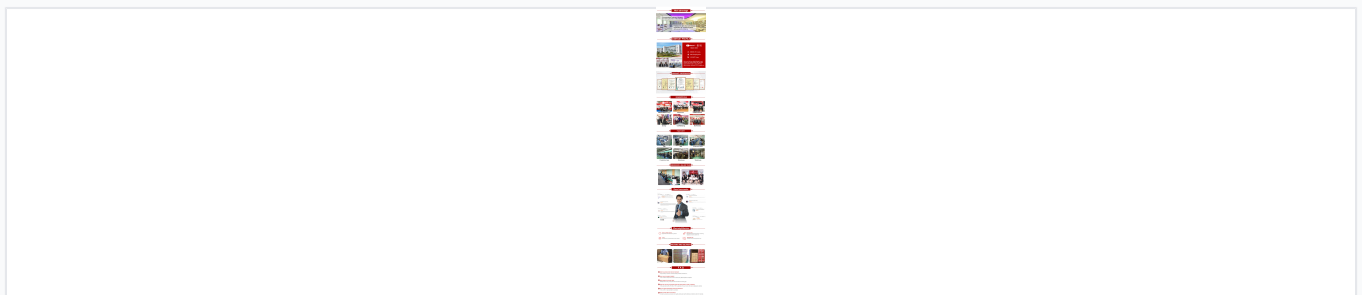


1x64 PLC Fiber Optic Splitter

This 1x64 PLC fiber optic splitter is compatible with GPON and EPON. It is applicable with any FTTx PON technology.



Product Overview



A detailed view of the 1x64 PLC splitter, highlighting its compact design and high-reliability waveguide technology.

High-Performance PLC Splitter

The 1x64 Planar Lightwave Circuit (PLC) splitter is an essential optical power management device fabricated using advanced silica optical waveguide technology. Designed for high reliability and consistent performance, it ensures uniform light splitting across all channels. This compact solution is ideal for FTTx, PON, and optical distribution networks, providing excellent environmental and mechanical stability for long-term deployment.

Compatible Technologies

GPON, EPON, FTTx, PON

Technical Specifications

Performance Metrics

Feature	Benefit
Insertion Loss	Low
PDL	Low
Return Loss	High
Power Splitting	Uniform
Wavelength Range	Wide

Key Features

- Compact design
- Excellent environmental stability
- Superior mechanical stability
- High reliability
- Silica optical waveguide technology

Product Construction

Configuration

1x64 Splitter

Manufacturing Technology

Planar Lightwave Circuit (PLC) using silica optical waveguide