

# 1x8 Fiber Optic PLC Splitter

This 1x8 fiber optic PLC splitter is compatible with GPON and EPON. It is applicable with any FTTx PON technology.



## Product Overview

### High-Performance 1x8 PLC Splitter

This 1x8 Planar Lightwave Circuit (PLC) splitter is a precision optical power management device fabricated using advanced silica optical waveguide technology. Designed for reliability and compact integration, it ensures excellent channel-to-channel uniformity and environmental stability. It is an ideal solution for PON networks, specifically supporting GPON, EPON, and various FTTx technologies.

## Key Features

### Performance Features

- Low insertion loss
- Low Polarization Dependent Loss (PDL)
- High return loss
- Uniform power splitting
- Compact design
- Wide operating wavelength
- Excellent environmental & mechanical stability

## Compatibility

|                        |                  |
|------------------------|------------------|
| Supported Technologies | GPON, EPON, FTTx |
|------------------------|------------------|

## Quality & Service

### Quality Metrics

**0.2 %**

Max Defective Rate

|          |           |
|----------|-----------|
| Warranty | 1-2 years |
|----------|-----------|

## Logistics

### Production Lead Times

| Order Type      | Lead Time          |
|-----------------|--------------------|
| Sample Orders   | 3-5 days           |
| Mass Production | 20-35 working days |