



**SP-104T.SC:** EPON 1x4 Fusing Splitter Module

### Key Features

- Low insertion loss
- Low PDL
- Wide Operating Wavelength
- Wide Operating Temperature
- High Reliability and Stability
- Telcordia GR-1221 Compliant
- Wide Applications:
  - FTTX Deployments
  - PON Networks
  - CATV Links
  - Optical Signal Distribution

### Overview

EPON 1x4 Fusing Splitter Module, based on FBT technology and precision aligning process, can divide a single optical input into multiple optical outputs uniformly which offers superior optical performance, excellent stability, and high reliability to meet various application requirements.

### Technical Specifications

- **Wavelength range:** 1310/1490/1550 nm
- **Insertion Loss (including connectors):** Max.7.2dB@room temperature
- **Uniformity:** Max.1.0dB
- **Polarization Dependent Loss:** Max.0.3dB
- **Return loss:** Min.50 dB
- **Directivity:** Min.55 dB
- **Connector Type:** SC/UPC
- **Fiber Type:** 900um fiber
- **Fiber Length:** 50+/-10cm
- **Operation temperature:** -40 C ~ 85°C
- **Storage temperature:** -40°C ~ 85°C
- **Package Dimension(LxWxH):** 1HU LGX box(black) 165 x 130 x 29.2 mm

### Ordering Information

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