

Single-mode Splitter

Model: S1x8



Overview

Nufiber's Splitter are fabricated from fibers with core diameters of 9um. Standard single-mode couplers are commonly used in short distance communications with LED sources operating at 1310nm or 1550nm. Splitters are wavelength independent over a broad range of wavelengths with uniform modal power distribution launch condition.

Key Features

- Low insertion loss
- High directivity
- Compact size
- High stability and reliability

Applications

- FDDI
- Communication system
- Accessing network
- Local area network

Technical Specifications

Parameters	Specifications
Insertion Loss (without Connector) (dB)	≤ 10
Uniformity Loss (dB)	≤ 0.8
Polarization Dependent Loss (dB)	≤ 0.25
Operating Wavelength(nm)	1260~1650
Return Loss (All Port) (dB)	≥ 55 (UPC)/60 (APC)
Directivity	≥ 55
Operating Temp	-20 °C to +70 °C
Storage Temp	-40 °C to +80 °C
Storage Humidity	5% to 90% (non-condensing)
Dimensions	40 mm × 8 mm × 4 mm
Fiber Type	9/125um single-mode
Connector	Optional
PLC Splitter Packing	Steel

Structures of 1x8 Type PLC Splitter

