

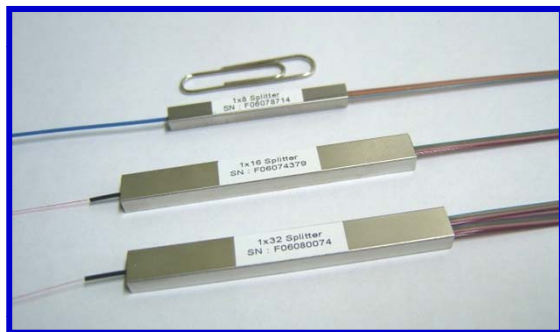
Single Mode PLC Splitter

Features

- Low Excess Loss
- Low Polarization Dependent Loss
- Any Split Ratio
- High Stability and Reliability

Applications

- Fiber Communication Systems
- CATV
- Fiber Amplifiers
- Fiber Sensors



Performance Specifications

- Passive optical networks (ATM, WDM, Ethernet)

Optical Specification

PARAMETER	1x4	1x8	1x16	1x32	1x64
Operating Wavelength	1260 to 1640nm				
Insertion Loss (Max.) *	≤ 7.5 dB	≤ 10.8 dB	≤ 13.8 dB	≤ 17.2 dB	≤ 20.2 dB
Uniformity *	≤ 0.8 dB	≤ 1.0 dB	≤ 1.5 dB	≤ 1.80 dB	≤ 2.0 dB
PDL *	≤ 0.2 dB	≤ 0.2 dB	≤ 0.3 dB	≤ 0.3 dB	≤ 0.4 dB
Return Loss	≥ 55 dB				
Directivity	≥ 55 dB				
Operating Temperature	-40 ~ 85 °C				

♣ * : without Connectors

PARAMETER	2x2	2x4	2x8	2x16	2x32
Operating Wavelength	1260 to 1640nm				
Insertion Loss (Max.) *	≤ 4.2 dB	≤ 7.8 dB	≤ 11.2 dB	≤ 14.8 dB	≤ 18.2 dB
Uniformity *	≤ 1.1 dB	≤ 1.2 dB	≤ 1.5 dB	≤ 2.0 dB	≤ 2.5 dB
PDL *	≤ 0.3 dB	≤ 0.3 dB	≤ 0.3 dB	≤ 0.4 dB	≤ 0.4 dB
Return Loss	≥ 55 dB				
Directivity	≥ 55 dB				
Operating Temperature	-40 ~ 85 °C				

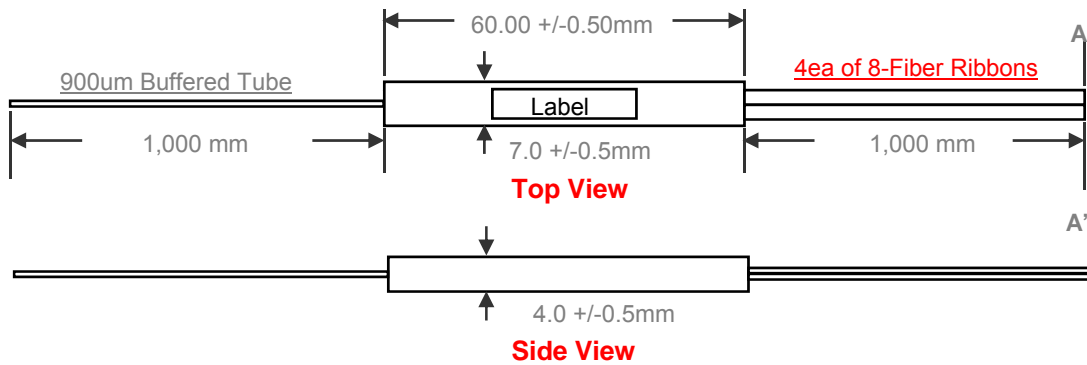
♣ * : without Connectors

Mechanical Specification

PARAMETER		1x4	1x8	1x16	1x32	1x64	2x2, 2x4, 2x8	2x16	2x32
Package	Material	Stainless Steel							
	Dimension (L x W x H mm)	40 x 4 x 4	60 x 7 x 4	58 x 12 x 4	50 x 5 x 4	50 x 5 x 4		60 x 7 x 4	
Fanout (L x W x H mm)		35 x 12 x 7mm							
Other Package		Customized (19" Rackmountable Case, LGX Type...)							

Schematic Drawing of Splitter

(Without Connectors)



(With Fanout & Connectors)

