

**SPECIFICATION  
 FOR  
 Fused 1x4 COUPLER (SST-0100-1x4-B)**

1. General

This specification covers Fused Wide Band 1x4 Coupler.

Part number : SST-0100-1x4-B

2. Definition of port configuration.

Description is shown in Figure 1.

3. Specifications

Items	Unit	Specification
Part number		SST-0100-1x4-B
Operational Wavelength	nm	1310±20 and 1550±20
Operational Temperature	deg. C.	-20~75
Storage Temperature	deg. C.	-40~85
Insertion Loss	dB	<=7.4
Polarization Depending Loss*	dBp-p	<=0.3
Uniformity		<=1.5
Return Loss*	dB	>=50
Directivity*		>=50
Fiber Type		Single Mode Fiber (φ250μm)
Number of In x Out Port		1 x 4
Fiber Length (Each Port)		1.0
Size (Packaging)	mm	3.0φ x 58L
Label		Product Name, Manufacturer, ID Number are written

\*These parameters are design guaranteed.

4. Test Report

The results of the test items below shall be recorded in the test report

Item		Wavelength
Insertion Loss (dB)	Port In →Out1	1310nm and 1550nm (@23±5 degree C)
	Port In →Out2	
	Port In →Out3	
	Port In →Out4	

**<End of Specification>**

Port Length	mm
L1	1000±100
L2	1000±100

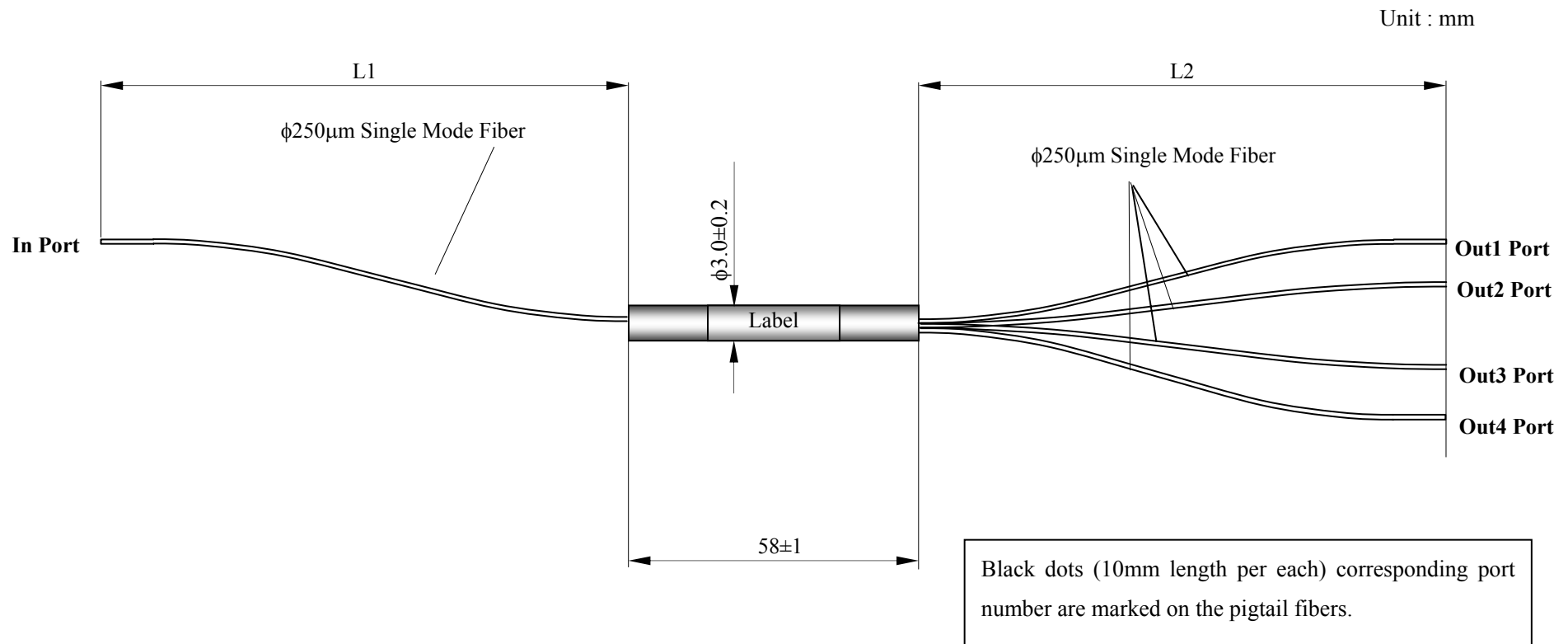


Figure 1 Description