



YAS0472078

Specification of 1x4 Coupler

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1. Usage

This document covers Specification of 1x4 Coupler.

2. Product name

Product name and Code are shown in Table1.

Table1

Product Name	Product Code	Structure
1x4 Coupler	CPL0104-S0472078	Fused Coupler

3. Specification

3-1. Operating Conditions and Fiber Type

Operating Conditions and Fiber Type are shown in Table2.

Table2

Parameter	Min.	Max.	Units
Operating Temperature	-20	+70	°C
Storage Temperature	-40	+85	°C
Fiber Type	SMF, ϕ 0.25mm buffered		
Fiber Bend Radius	30		mm

3-2. Dimensions

Dimensions are shown in Figure 1.

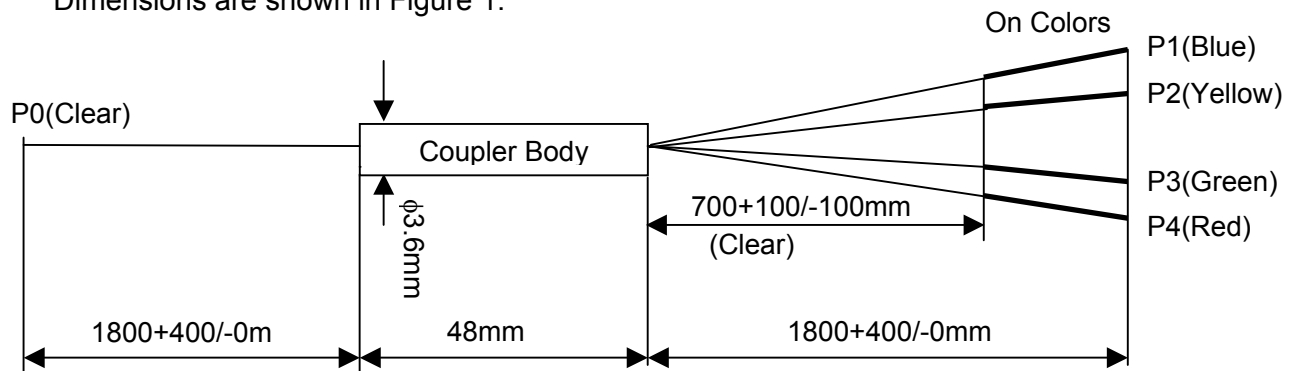


Figure 1 Dimensions

3-3. Optical Specification

Optical Specification is shown in Table3.

Table 3 Optical Specification

Items	Specification
Operating Wavelength	1260 to 1360nm and 1480 to 1580nm
Max. Insertion Loss	$\leq 7.4\text{dB}$
Insertion Loss Uniformity	$\leq 1.4\text{dB @ } 1310\pm 20$ and $1550 \pm 20\text{nm}$ $\leq 1.7\text{dB @ } 1260$ to 1360 and 1480 to 1580nm
Return Loss	$\geq 50\text{dB}$
Directivity	$\geq 50\text{dB}$

4. Test report

A test report of shall be provided with each module including the following measured date in a paper document:

- Insertion Loss
- Insertion Loss Uniformity

5. Packing

Products are packed suitably not to get damaged in transit.

6. Revision History

Revision	Date	Description
First Edition	November 19,2004	

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