

HYAT0275025

Specification  
of  
SE-W1S2AH1SS

Prepared by

/ /

\_\_\_\_\_  
Noritaka Saito / Engineer

Approved by

/ /

\_\_\_\_\_  
Yoshiyuki Suetsugu / Manager



SUMITOMO ELECTRIC INDUSTRIES , LTD

### 1.Usage

This specification refers to the Fiber Optic WDM(WDM: Wavelength Division Multiplexer).

### 2.Product name

SE-W1S2AH1SS

### 3.Construction

Attached drawing (Figure.1) shows the construction of SE-W1S2AH1SS.

### 4.Specifications

- |                             |                   |
|-----------------------------|-------------------|
| (1) Applicable Fiber        | Single Mode Fiber |
| (2) Operating Temperature   | -10 ~+60 C        |
| (3) Storage Temperature     | -40~+85 C         |
| (4) Optical Characteristics | See Table.1       |

Table.1

Parameter	Port	Unit	Spec	Wavelength
Insertion Loss	P0,P1	dB	$\leq 1.5$	1550nm
	P0,P2	dB	$\leq 1.5$	1310nm
Isolation	P0,P1	dB	$\geq 15$	1310nm
	P0,P2	dB	$\geq 15$	1550nm
PDL	P0,P1	dBp-p	$\leq 0.2$	1550nm
	P0,P2	dBp-p	$\leq 0.2$	1310nm
Directivity	P1,P2	dB	$\geq 50$	1310,1550nm
Conector Reflectancs	P0,P1,P2	dB	$\geq 40$	1310,1550nm

### 5.Mechanical characteristics

The pulling strength to the end of the case shall be under 2.94N.

### 6.Test report

The test date regarding insertion loss will be attached to the product.

### 7.Packaging

The product will be packed so that it will not effect appearance or the optical Characteristics during shipment.

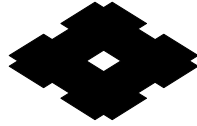
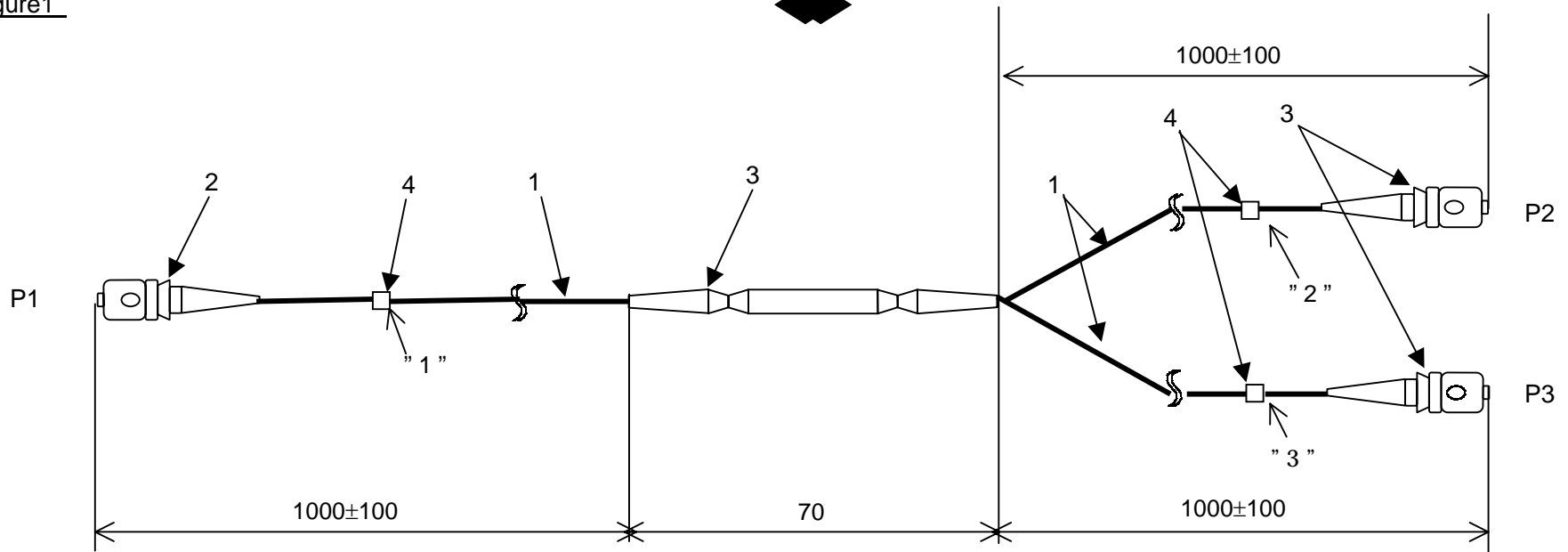


Figure1



**SE-W1S2AH1SS**

1. Cord of the outside diameter 2.0mm
2. SC Connector(Polishing type is SPC)
3. Protective Cass
4. Marking

(Unit:mm)