



SAA-1 Series

Single-Mode

FC ADAPTOR

TECHNICAL SPECIFICATIONS

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1. PROVISION

1.1 Application Limit

These specifications apply to the SAA-1 Single-Mode FC ADAPTOR supplied by **SII**.

2. PARTS NUMBER

Parts Number of the Adaptor is Shown in Table 1.

Table 1 Parts Number

MODEL Number	Type Number			
SAA - 1	1 2 2 0 0			

note.1

Slit Sleeve	
0	
1	Phosphor Bronze
2	Zirconia

(Required)	
0	0

note.1

Marking	
1	Without Marking
2	SAA-1 JAPAN SII●

Cap	
1	White Plastic
2	Red Rubber

note.1 : Marking and Slit Sleeve type

Slit Sleeve type	Marking (Standard)
Phosphor Bronze	Both type (with / without)
Zirconia	With Marking type

3. GENERAL SPECIFICATIONS

3.1 Parts and Materials

Parts and the materials are shown in Table 2.

Table 2 Parts and materials

No.	Part Name	Q'ty	Material	Notes
①	Housing A	1	Brass	Nickel Plating
②	Fitting Sleeve	2	Brass	Nickel Plating
③-1	Slit Sleeve	1	Phosphor Bronze	--
③-2			Zirconia Ceramics	
④	Spacer	1	Brass	Nickel Plating
⑤	Housing B	1	Brass	Nickel Plating
⑥	Screw	2	Brass	Nickel Plating
⑦-1	Cap	2	Plastic	White
⑦-2			Synthetic Rubber	Red

3.2 Physical Dimensions

Figure 2 shows the SAA-1.

Figure 3 to 4 show the part dimension.

- In accordance with JIS C5970 F01 type connectors

3.3 General Tolerances

Permissible deviation in dimensions without tolerance indication is in accordance with JIS B 0405 class m, as shown in Table 3.

Table 3 General tolerance (JIS B 0405 class m)

Basic size step (mm)		Permissible deviation (mm)
Over	Under	
0.5	3	±0.1
3	6	±0.1
6	30	±0.2
30	120	±0.3

3.4 Insertion Loss

Insertion Loss of the adaptor and the measurement conditions shown in Table 4. Figure 1 shows the measurement system.

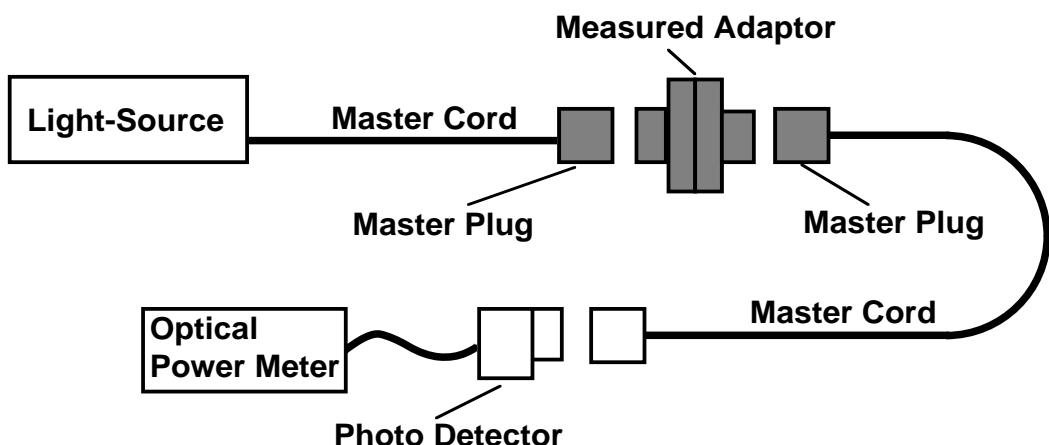


Figure 1 Insertion loss measurement system

Table 4 Insertion loss and the measurement conditions

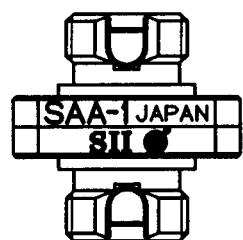
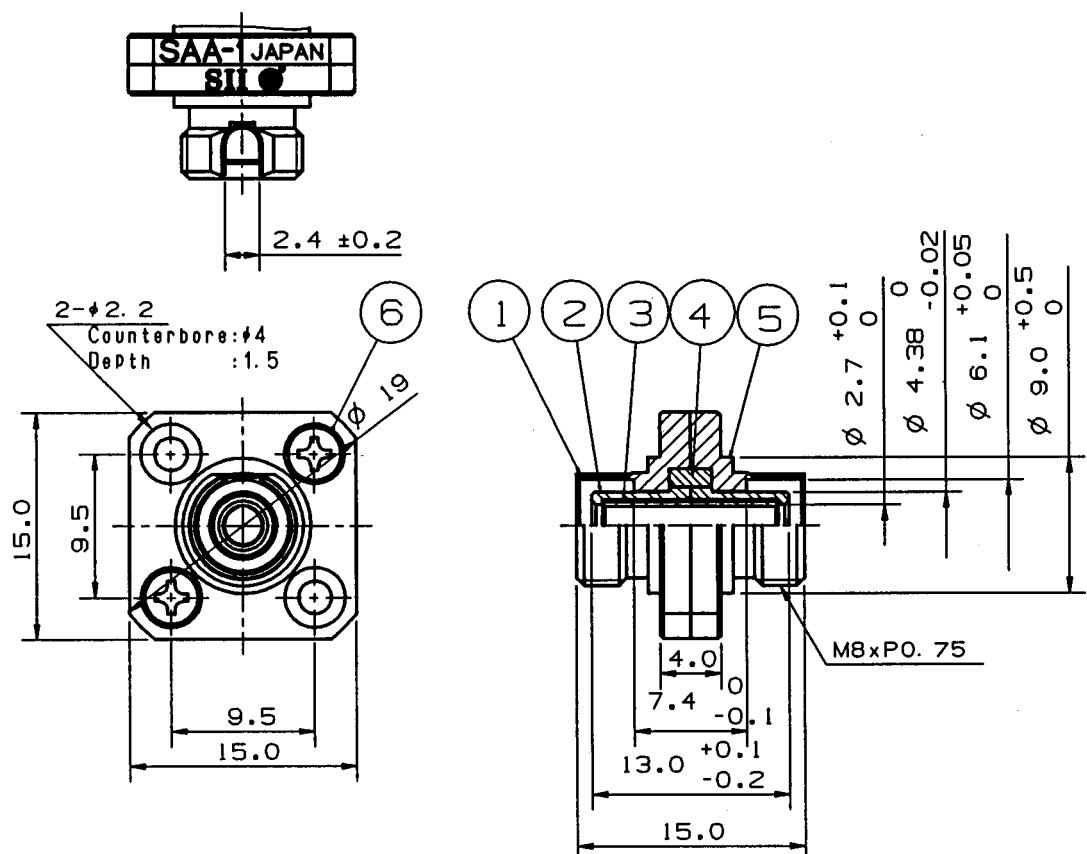
Parts Number	SAA-1 1□□00 (Slit Sleeve : Phosphor Bronze)	SAA-1 2□□00 (Slit Sleeve : Zirconia Ceramics)
Insertion Loss	0.7dB or Less	0.4dB or Less
Conditions	Light-Source	LD or LED
	Wavelength	1.3 μ m
	Master Cord Terminated	Flat Polishing with Buffing
		PC Polishing

4. PACKING

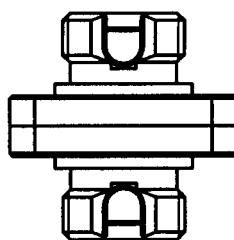
The product is packed to prevent damage during shippment.

5. SHIPPING INSPECTION

The insertion loss inspected before shipping.



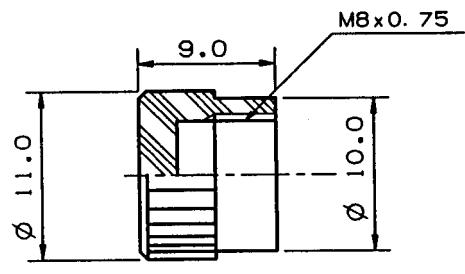
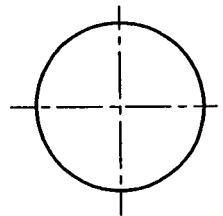
with Marking (ROGO) Type



without Marking (ROGO) Type

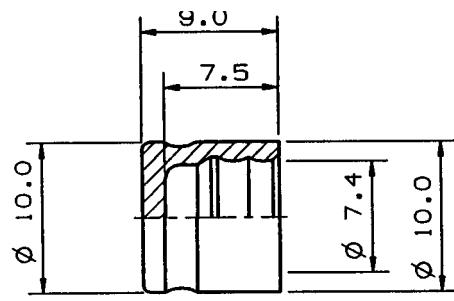
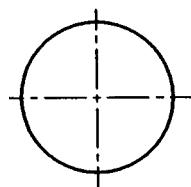
Unit : mm

Figure 2 SAA-1



Unit : mm

Figure 3 ⑦-1 Cap



Unit : mm

Figure 4 ⑦-2 Cap