# SLC-A1 Series LC SIMPLEX ADAPTOR TECHNICAL SPECIFICATIONS



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ACD-25C6-01 2002 June S04-H011-01E July 2006

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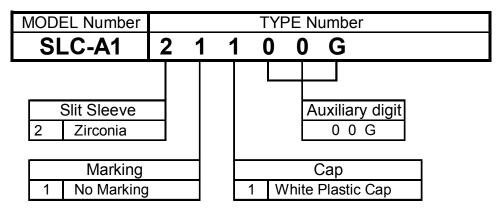
#### 1 SCOPE

These specifications apply to the SLC-A1 series LC simplex adaptor supplied by SEIKOH GIKEN Co., Ltd.

#### 2 PART NUMBER

Part number of the adaptor is shown in Table 1.

Table 1 Part Number





#### 3 GENERAL SPECIFICATIONS

#### 3.1 Parts and Materials

Parts and materials are shown in Table 2.

Table 2 Parts and Materials

No.	Part Name	Qty	Material	Notes
1	Housing A	1	PEI	Blue, Flammability UL94 V-0
2	Housing B	1	PEI	Blue, Flammability UL94 V-0
3	Slit Sleeve	1	Zirconia Ceramics	-
4	Сар	2	PP	White, Flammability UL94 V-0

Note: Item on Table 2 corresponds to the item reference number on Figure 2, 3.

## 3.2 Physical Dimensions

Figure 2 shows the SLC-A1 series adaptor.

Figure 3 shows the part dimensions.

· In accordance with IEC 61754-20 Type LC connector family.

#### 3.3 General Tolerances

Permissible deviation in dimensions without tolerance indication is in accordance with ISO 2768-m (JIS B 0405-m), as shown in Table 3.

Table 3 General Tolerance (ISO 2768-m)

Basic size	step [mm]	Permissible deviation [mm]				
Over	Under	Fermissible deviation [mm]				
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 measurement conditions are shown in Table 4. Figure 1 shows the measurement system.



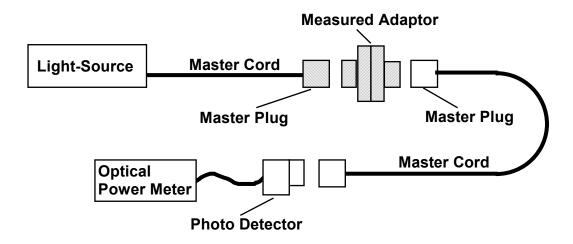


Figure 1 Insertion Loss Measurement System

Table 4 Insertion Loss and Measurement Conditions

	Part Number	SLC-A1 21100G	
	Insertion Loss	0.3 dB or less	
	Light Source	LD	
Conditions	Wave Length	1.31 µm	
Conditions	Applicable Fiber	Single mode	
	Master Cord Type	PC, R20mm	

# 3.5 Appearance

There shall be no burrs or scratches that affect the product.



#### 4 PACKING

The product is packed to prevent damage during shipment.

#### 5 IDENTIFICATION

Identification label should indicate the part number and the lot number of the product(s) and should be permanently attached to the packing bag.

#### 6 HANDLING AND CARE

#### 6.1 Conditions of Storage

Keep the product, in the packing bag, at the following conditions for its storage.

- · Storage temperature: -40 to +85 degrees C
- · Storage humidity: 0 to 85%RH, non-condensing

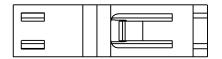
#### 6.2 Precautions for Use

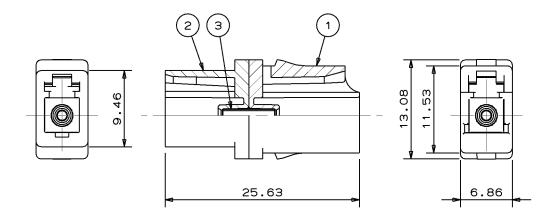
Contamination, oil, sweat and others debris on the inside of the slit sleeve may influence the performance of the product. If contamination is on the inside of the slit sleeve, clean the inside before connecting.

# 6.3 Disposal

When discarding this product, please follow the regulations of your own country.





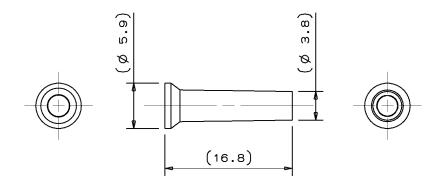


Note: This drawing does not include the cap.

Unit: mm

Figure 2 SLC-A1 Series Adaptor





t = 1.55 to 1.70

Figure 4 Cut-hole Dimensions for Reference

Unit: mm

Unit: mm

