SSCF-2A4 Series SC DUPLEX ADAPTOR - Short Flange Type -

TECHNICAL SPECIFICATIONS



SEIKOH GIKEN Co., Ltd.

Fiber Optic Products Division 296-1, MATSUHIDAI, MATSUDO-SHI, CHIBA, 270-2214 JAPAN. TEL: +81-47-388-6111 FAX: +81-47-388-4477 SSCF-2A4 Series SC DUPLEX ADAPTOR - Short Flange Type -**TECHNICAL SPECIFICATIONS**

ACD-44C2-01 2004 April S04-H008-01E July 2006

> Copyright © 2004 - 2006 by SEIKOH GIKEN Co.,Ltd. All right reserved.

The information contained herein shall not be reproduced or disclosed to any third party without the express written consent of SEIKOH GIKEN Co., Ltd. The specifications contained herein are subject to change without notice.

Please address any questions, comments, and suggestions to:

SEIKOH GIKEN USA, Inc. Headquarters

4405 International Blvd., Suite B109 Norcross. GA 30093 U.S.A. TEL: +1-770-279-6602 FAX: +1-770-279-8839 TEL: +49-6102-297-701

Northeastern Field Office

714 Executive Drive Princeton, NJ 08540

Western Field Office

21250 Hawthorne Boulevard, Suite 700 Torrance, CA 90503 TEL: +1-310-792-7450 FAX: +1-310-792-7451

SEIKOH GIKEN Europe GmbH **Frankfurt Branch**

Siemensstrasse 9 D-63263 Neu-Isenburg, Germany FAX: +49-6102-297-750

TEL: +1-609-279-0225 FAX: +1-609-279-0207 SEIKOH GIKEN Hong Kong Co.,Ltd.

Concordia Plaza 21/F Rm2111, 1 Science Museum Road, Tsim Sha Tsui East, Kowloon, Hong Kong. TEL: +852-26206551 FAX: +852-26206525



TABLE OF CONTENTS

Section		Page
1	SCOPE	1
2	PART NUMBER	1
3	GENERAL SPECIFICATIONS	2
3.1	Parts and Materials	2
3.2	Physical Dimensions	2
3.3	General Tolerance	2
3.4	Insertion Loss	2
3.5	Appearance	3
4	PACKING	4
5	IDENTIFICATION	4
6	HANDLING AND CARE	4
6.1	Conditions of Storage	4
6.2	Precautions of Use	4
6.3	Disposal	4

Table

Table 1	Part Number	1
Table 2	Parts and Materials	2
Table 3	General Tolerance	2
Table 4	Insertion Loss and Measurement Conditions	3

Figure

Figure 1	Insertion Loss and Measurement System	3
Figure 2	SSCF-2A4 Series Adaptor	5
Figure 3	©Cap	6
Figure 4	Cut-hole Dimensions for Reference	5



S04-H008-01E SSCF-2A4 Series



1 SCOPE

These specifications apply to the SSCF-2A4 series SC duplex adaptor -short flange type - supplied by SEIKOH GIKEN Co., Ltd.

2 PART NUMBER

Part number of the adaptor is shown in Table 1.

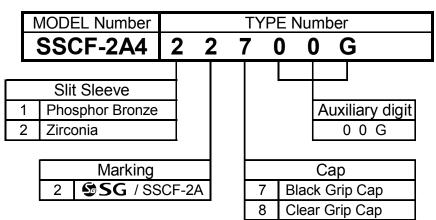


Table 1 Part Number



3 GENERAL SPECIFICATIONS

3.1 Parts and Materials

Parts and materials are shown in Table 2.

No.	Part Name	Qty	Material	Notes
① Slit Sleeve	Slit Sleeve	2	Phosphor Bronze	-
		2	Zirconia Ceramics	-
2	Sleeve Holder	2	PEI GF	Black, Flammability UL94 V-0
3	Adaptor Housing	1	PBT GF	Blue, Flammability UL94 V-0
4	Pin	2	Stainless Steel	-
5	Plate	1	Stainless Steel	-
6	Сар	4	PC	Flammability UL94 V-0

Table 2	Parts	and	Materials
	i uito	ana	materialo

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

3.2 Physical Dimensions

Figure 2 shows the SSCF-2A4 series adaptor.

Figure 3 shows the part dimensions.

- · In accordance with IEC 61754-4 Type SC connector family.
- · In accordance with JIS C 5973 F04 Type connectors.

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	J Oenera	
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

Table 3General Tolerance (ISO 2768-m)

3.4 Insertion Loss

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



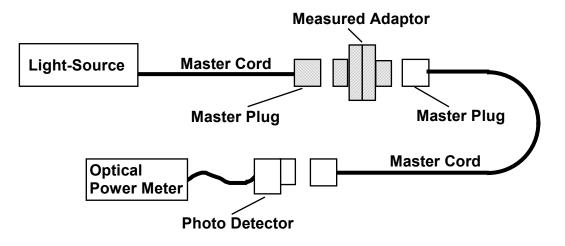


Figure 1 Insertion Loss Measurement System

Table 4 Insertion 2033 and Medsurement Conditions		
Part Number		SSCF-2A4 *2*00G
Insertion Loss		0.2 dB or less
	Light Source	LD
Conditions	Wave Length	1.31 µm
Conditions	Applicable Fiber	Single Mode

PC, R20mm

Master Cord Type

Table 4	Insertion Loss and Measurement Conditions

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

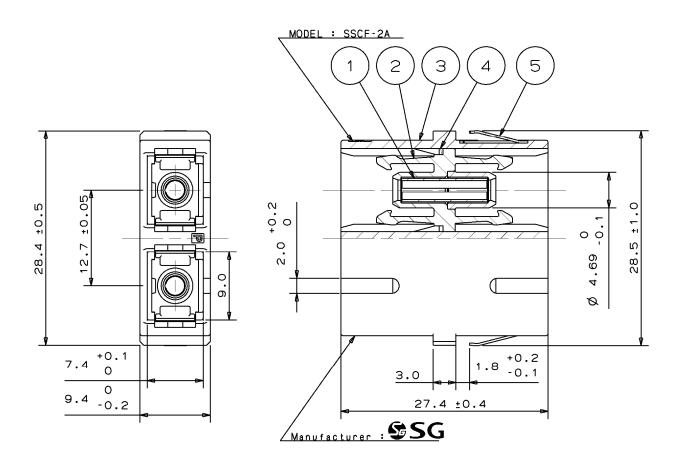
6.2 Precautions for Use

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

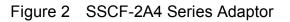
When discarding this product, please follow the regulations of your own country.



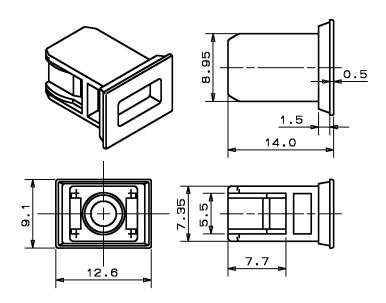


Note: This drawing does not include the cap.

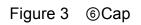
Unit: mm

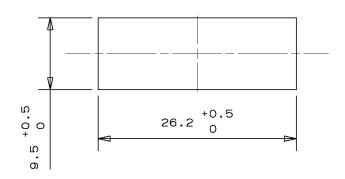






Unit: mm





Unit: mm

Figure 4 Cut-hole Dimensions for Reference

