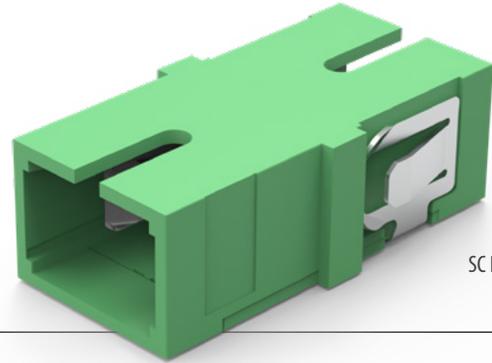


SC PREMIUM ADAPTER

Robust body design

Series 242 / 247



SC Premium Adapter

The SENKO SC Premium Adapter, the perfect compliment to the SENKO SC Premium Connector. Engineered with a robust body design, this adapter not only meets but exceeds the rigorous GR-326-Core requirements, ensuring unparalleled performance. Its superior side loading capability outperforms standard design ultrasonically welded two-piece designs, offering enhanced reliability. For those concerned with safety, the optional laser shutter provide -28 dB protection at 1310 nm and safeguards users from harmful laser radiation.

Available in both Simplex and Duplex versions, the SENKO SC Premium Adapter is designed to fit the standard SC footprint. Whether it's for a high-stakes environment where safety and performance are critical, or for everyday use, this adapter is built to deliver exceptional durability and protection. Make the smart choice for your fiber optic network with the SENKO SC Premium Adapter.

FEATURES

- Patented one piece housing
- Optional internal shutter - IEC TR 62627-08 power compliance
- Color coded housing options
- Fully compliant to IEC 61754-4
- Simplex and duplex options Available
- Shutter options available

APPLICATIONS

- Telecommunications
- Data centers
- Local area networks (LANs)
- FTTX networks
- Premise distribution networks
- Industrial applications

KEY BENEFITS

- ✓ **Strong robust one piece design**
- ✓ **Robust, durable design**
- ✓ **Easy installation**

Mechanical Data

	Value
Durability	200 matings per GR-326-Core
Fixing Method	Snap fit (<i>adapter without flange</i>) or screw and nut (<i>adapter with flange</i>)
Housing Material	Plastic
Alignment Sleeve Material	Zirconia
Fiber Count	Simplex or duplex (<i>1 or 2 channel</i>)
Shutter Mechanism	Optional inner shutter (<i>IEC TR 62627-08 power compliance</i>)

Optical Data

	Value
Typical Insertion Loss (dB)	0.10
Max. Insertion Loss (dB)	0.20

** Based on master grade jumper to low loss random mating test*

Environmental Data

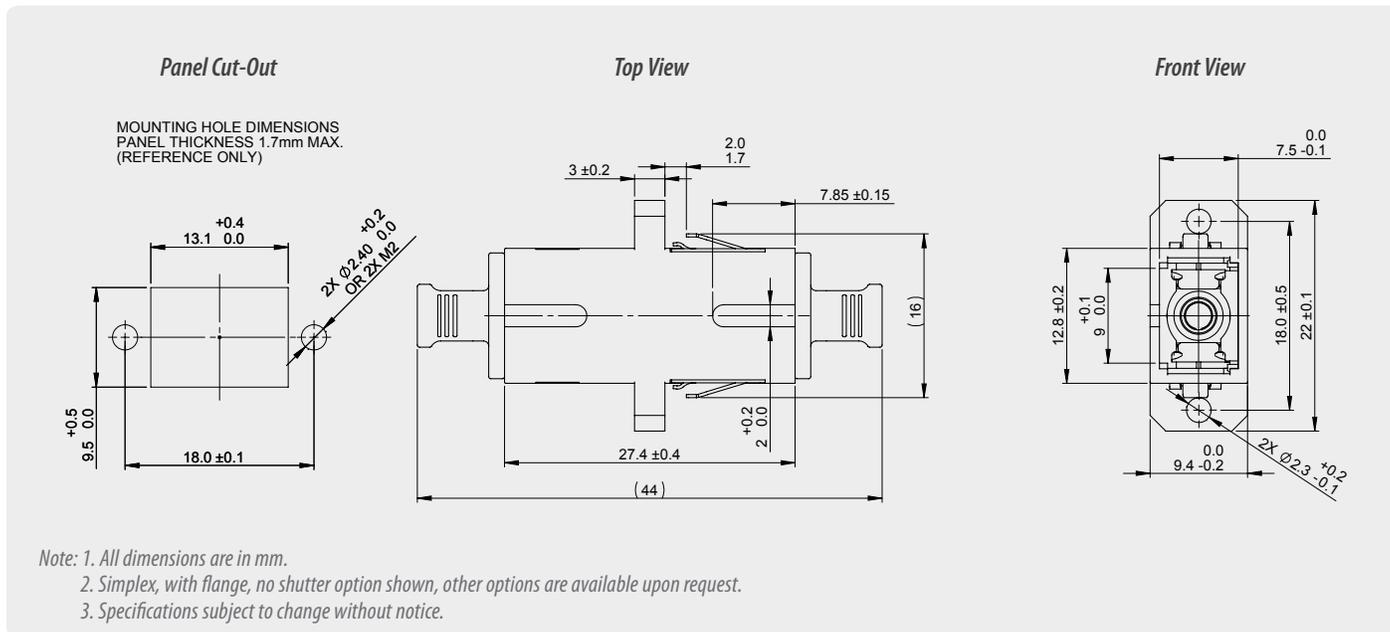
	Value
Operating Temperature	-40°C to +75°C
RoHS Compliance	Yes
REACH Compliance	Yes
Humidity Resistance	95%

SC PREMIUM ADAPTER

Robust body design, series 242 / 247

SC PREMIUM ADAPTER DATASHEET

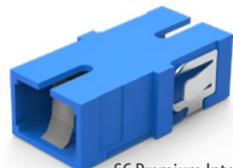
Adapter Drawing



ORDERING



SC Premium Simplex Adapter

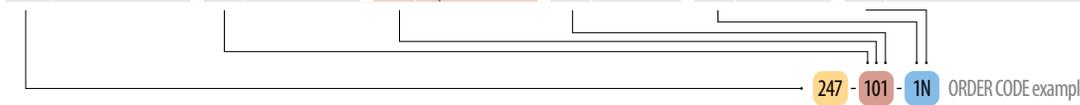


SC Premium Internal Shutter Adapter



SC Premium Duplex Internal Shutter Adapter

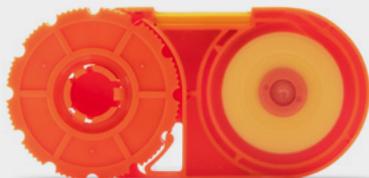
CODE	TYPE	COLOR	SLEEVE TYPE	HOOK MATERIAL	SHUTTER	
242	Flange	1 Simplex	0 Blue	1 Zirconia	1 High Tg	N No Shutter
247	No Flange	2 Duplex Horizontal	1 Green			A Internal Shutter (w/o mark)
		2 Beige				C Internal Shutter (w/mark)
		3 Black				
		9 Aqua				



Note: Custom colors available upon request

Accessories - Production/Cleaning**Smart Cleaner™****Cassette**

PN: SCK-CC-100

**Smart Cleaner™****2.5 mm Clicker**

PN: SCK-SS-250

Refill PN: SCK-SS-250-R

**SC Crimp Tool**

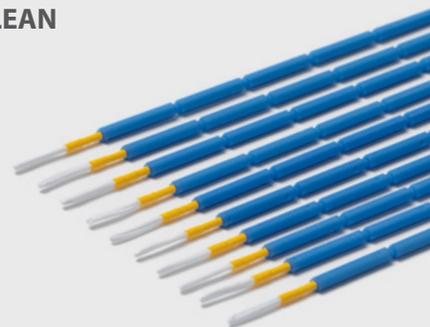
PN: CRT-401 SC, FC, ST One Piece Connectors

CRT-501 SC Connector Kit 132 Series

CRT-705 SC/LC 1.2 mm Connector

**2.5 mm NEOCLEAN
Cleaning Stick**

PN: CSK-02

**Accessories - Interferometry****SUMIX Max W+ Inspection Scope**

PN: SMX-MANTA-W+



The MANTA W+ inspection scope is designed for high-performance inspection of all types of single fiber and multi-fiber optical connectors, patch cords and bulkheads. The MANTA HM inspection scope is used to detect scratches, contamination and other surface defects as small as 0.75 μm on the end face of the connector.

SUMIX Max QM+ Inspection Scope

PN: MAX-QM+



The MAX-QS+ is a white-light and phase-shift interferometer for inspection of single fiber ST, FC, SC, LC, CS, SN, E2000™ (PC and APC), small format multi-fiber MT-RJ (PC and APC), SMA and special connectors. MAX-QS+ features portable design, autofocus, 100 micron scan range for fiber height and resolution of 1.1 μm .

Contact sales@senko.com
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