SENKO®
Advanced Components
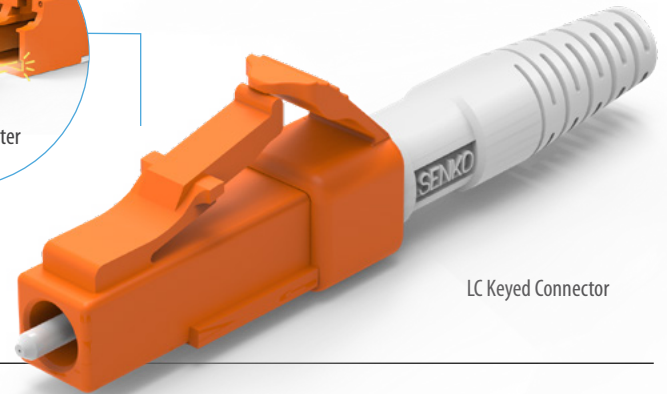

LC Keyed Adapter

LC Keyed Connector

LC *KEYED* *CONNECTOR*
935 / 936 / 927 / 938 Series

The SENKO LC Keyed Connector is a fiber optic connector that prevents improper connection of separate networks within common access points. It uses a patented keying system that allows only the same color connectors to mate with the same color adapters, ensuring that network segments are not accidentally mixed or crossed.

The SENKO LC Keyed Connector offers 12 color-coded options for different network applications, such as data, voice, video, security, and building automation. The color-coded keying system also enhances network efficiency by reducing installation time, eliminating the need for labelling, and simplifying network management and troubleshooting. Moreover, the SENKO LC Keyed Connector is designed to meet the requirements of IEC 61754-20, has a robust Unibody design, and has UL rated housings and boots for durability and safety.

FEATURES

- 12 Color coded keyed options
- Compact form factor
- Robust construction
- Fully compatible with IEC 61754-20
- Keyed Connector for Increased Security

APPLICATIONS

- Telecommunications
- Data centers
- Local area networks (LANs)
- Fiber to the home (FTTH)
- Fiber to the antenna (FTTA)
- Enterprise networks
- Medical equipment
- Industrial applications
- Military and aerospace
- Broadcasting

KEY BENEFITS

✔ **Reduced installation time**
✔ **Reduced labelling requirements**
✔ **Simplified troubleshooting and fault diagnosis**
✔ **Enhanced Security**

Mechanical Data

	Value
Durability	<0.2dB typical change, 500 matings
Fiber Count	Simplex / duplex *(1 or 2 fiber)*
Cable Suitability	900 µm to 3 mm
Ferrule Material	Zirconia

Optical Data

	Singlemode	Multimode
	UPC	MM
	Standard	
Typical Insertion Loss (dB)*	0.08	0.10
Max. Insertion Loss (dB)*	0.20	0.20
Typical Return Loss (dB)*	≥55	≥25
Ferrule Diameter (µm)	125	127

Environmental Data

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

LC *KEYED CONNECTOR*
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Connector Drawing

Front View   *Side View*

(10.4)

(10.7)

(6.1)

(19.7)

(41)   (8)

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Note: 1. All dimensions are in mm.
2. 2mm Mini Boot shown, other boot options are available upon request.
3. Specifications subject to change without notice.
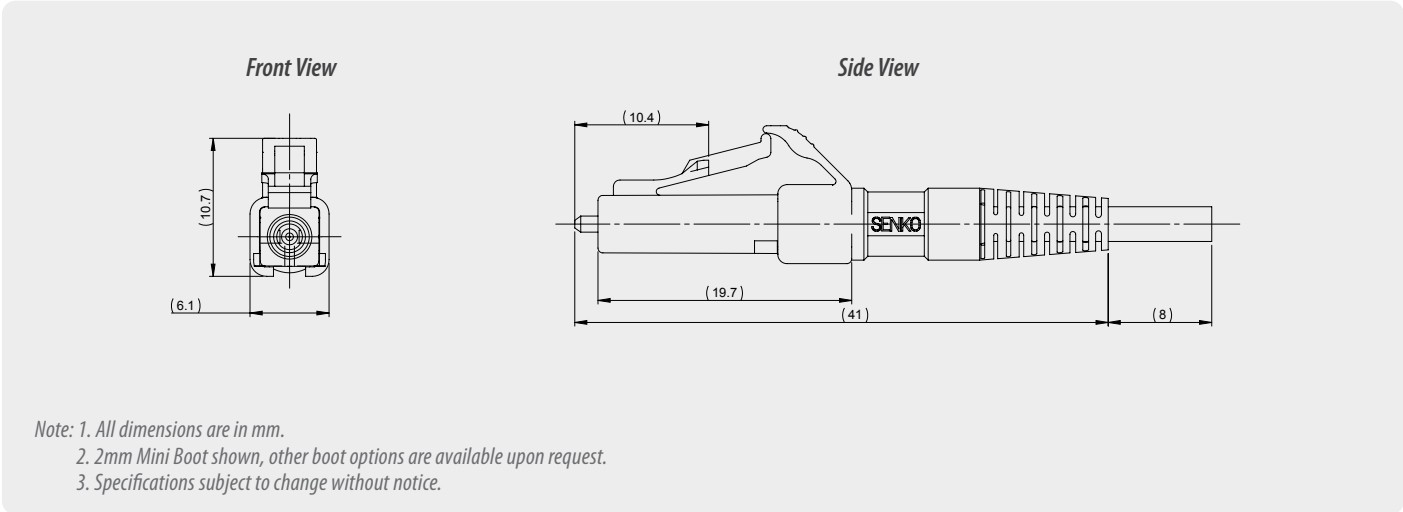
ORDERING
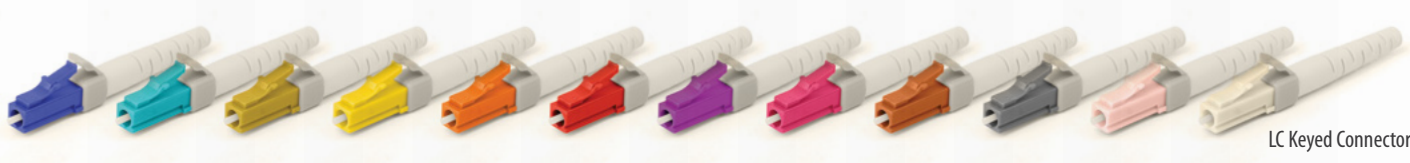
LC Keyed Connector

CODE		TYPE		FERRULE I.D.		COLOR/CLIP		HOUSING COLOR & KEY		BOOT		BOOT COLOR	
93	LC Keyed Connector	5	Simplex *(Un-assembled)*	153	SM: 125 μm	1	Blue	A	Pink	B	**MINI Boot 900 μm**	1	White
		6	Duplex *(Un-assembled)*	251	MM: 127 μm	2	Beige	B	White	C	**MINI Boot 2.0 mm**		
		7	Simplex *(Assembled)*			5	Aqua	C	Yellow	D	**MINI Boot 3.0 mm**		
		8	Duplex *(Assembled)*					D	Red	4	2.0 mm Round		
								E	Orange	6	3.0 mm Boot		
								F	Violet	7	Flex-Angle 2.0 mm		
								G	Gray	9	Flex-Angle 3.0 mm		
								H	Cobalt				
								J	Brown				
								K	Turquoise				
								L	Magenta				
								M	Olive				

936 - 251 - 2A41 ORDER CODE example
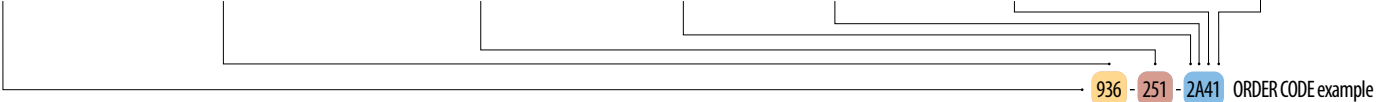
Accessories - Production/Cleaning

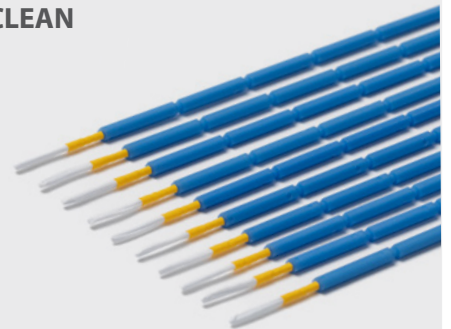Smart **Cleaner**™
Cassette
PN: SCK-CC-100
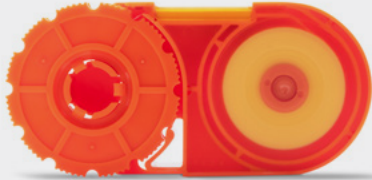
Smart **Cleaner**™
Mini 1.25 mm Clicker
PN: SCK-SS-M-C125
Refill PN: SCK-SS-CS-R

Smart **Cleaner**™
1.25 mm Clicker
PN: SCK-SS-CS
Refill PN: SCK-SS-CS-R

**1.25 mm NEOCLEAN
Cleaning Stick**
PN: CSK-01

Accessories - Interferometry

SUMIX Manta W+ Inspection Scope
PN: SMX-Manta-W+

SUMIX Max QM+ Inspection Scope
PN: MAX-Quantum

- Inspects 12 fiber in 2.6 seconds, 24 fiber in 4.5 seconds
- 0.5μm defect detection
- Inspection tips for MPO, CS, SN, LC available

- Inspects 12 fiber in 2.6 seconds, 24 fiber in 4.5 seconds
- 0.5μm defect detection

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