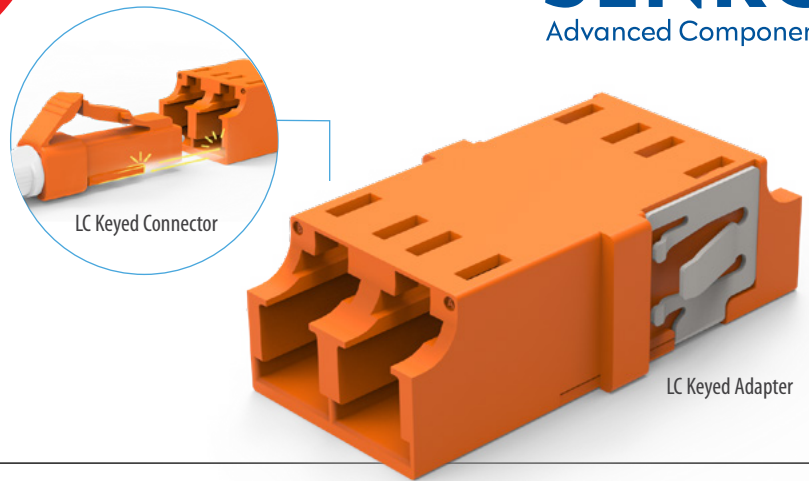


LC KEYED ADAPTER

977 / 978 / 979 Series



The Senko LC Keyed Adapter is a specialized component designed to ensure mechanical network security by preventing improper connections between segregated networks. It features a unique color-coded and keyed design, with twelve different colors representing different keys. Each adapter will only mate with a connector of the same color, ensuring that connections are made correctly and securely.

The adapter is part of the SENKO Keyed LC Connector solution, which is ideal for organizations that require network segregation due to privacy or security concerns. The keyed adapters are available in duplex and hybrid versions, with or without flanges, and are compliant with industry standards. They are also designed to be rattle-free and have Zirconia alignment sleeves for improved performance.

FEATURES

- Keyed adaptor and connector for increase security
- Robust body design: ensures durability and longevity
- Simplex and duplex versions
- With or without flange
- Compliant with IEC61754-20 interface

APPLICATIONS

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

KEY BENEFITS

- ✓ **Enhanced security**
- ✓ **Color coded for simplicity**
- ✓ **Enhanced reliability construction**
- ✓ **Exceptional durability**
- ✓ **Versatile applications: suitable for both high-stakes and everyday use scenarios**

Mechanical Data

	Value
Durability	500 matings
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
Dust Protection Method	Removable dust plugs
Fiber Count	Duplex
Adapter Design	One piece (<i>weldless flange</i>)

Optical Data

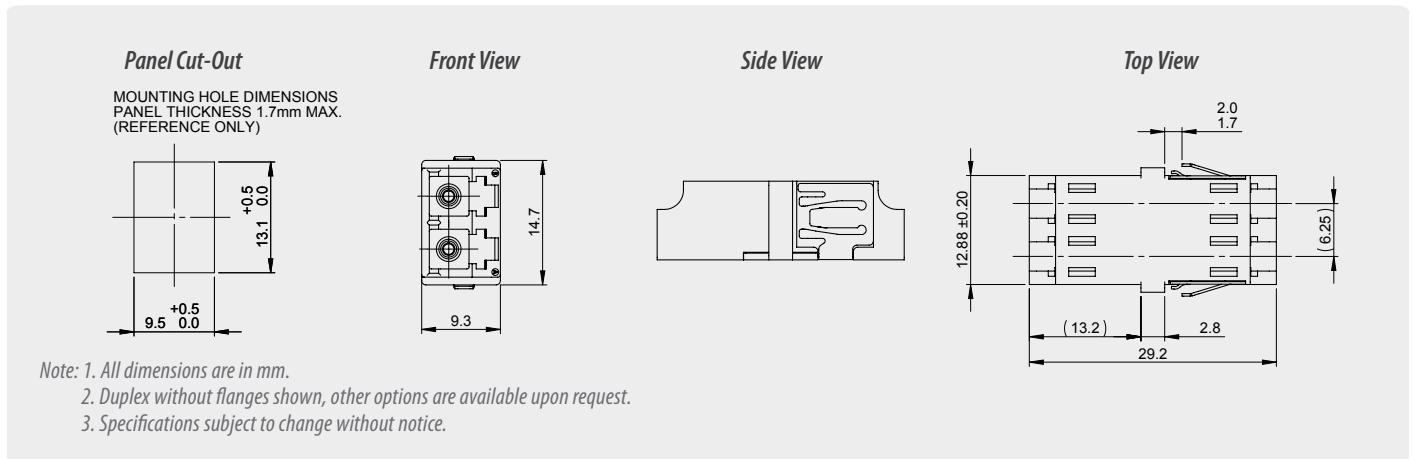
	Value
Typical Insertion Loss (dB)*	0.10
Max. Insertion Loss (dB)*	0.20

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

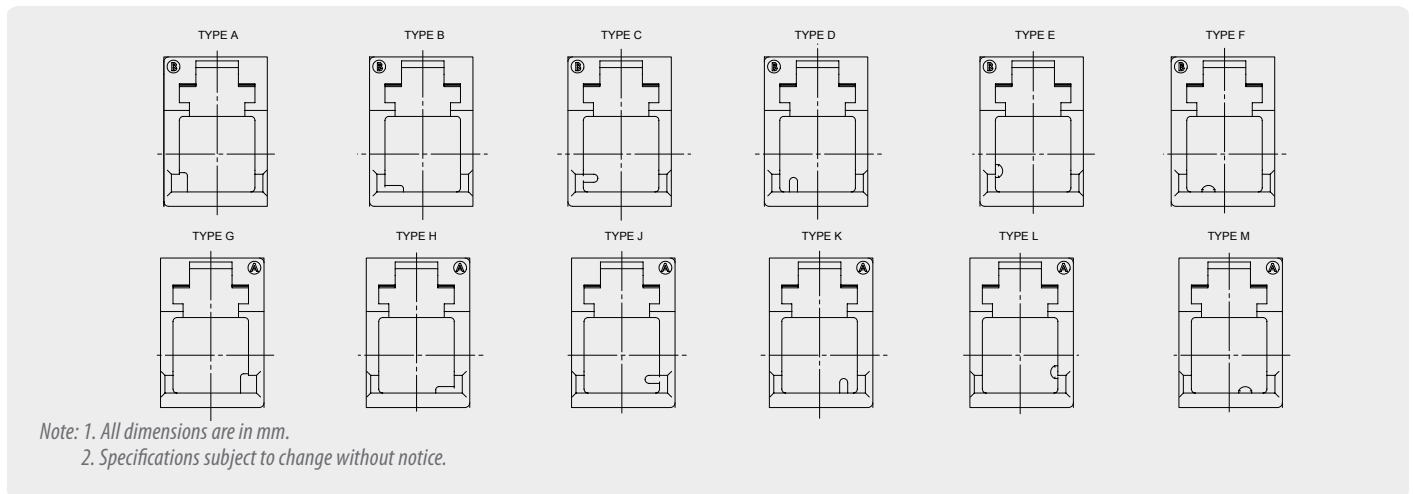
Environmental Data

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

Keyed Adapter Drawing



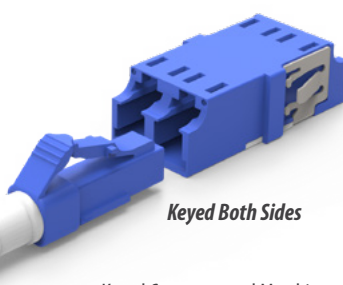
Keyed Adapter Type Drawing



ORDERING



LC Keyed Adapter Color and Key



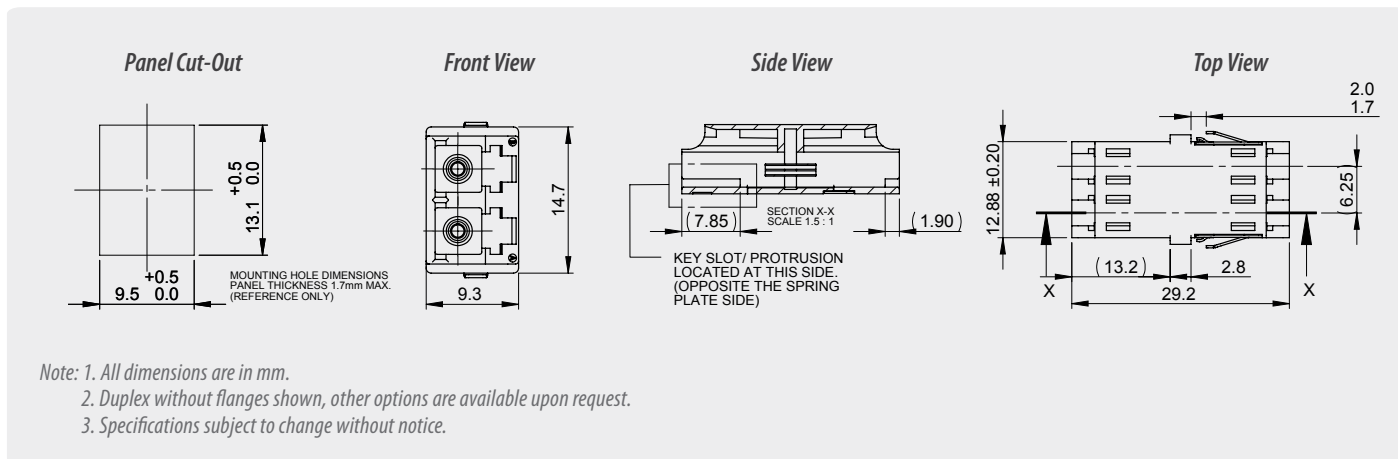
Keyed Connector and Matching Keyed Duplex Adapter 977

CODE	TYPE	COLOR & KEY	SLEEVE TYPE
977	LC Keyed Adapter	A Pink, B White, C Yellow, D Red, E Orange, F Violet, G Gray, H Cobalt, J Brown, K Turquoise, L Magenta, M Olive, U Black (Universal)*	1 Zirconia Straight Split
978	LC Keyed Hybrid Adapter		
979	LC Keyed Reversed Hybrid Adapter		
	4S Duplex with No Flange	*Only available for 977 Series	

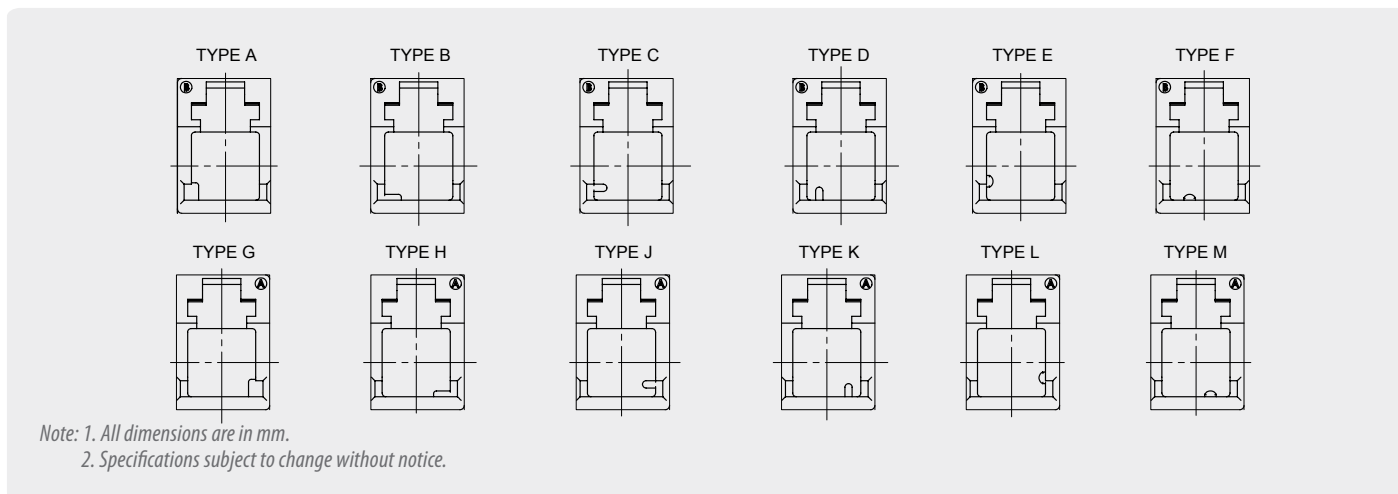
977 4SD1 ORDER CODE example

LC KEYED ADAPTER 978 keyed hybrid

Hybrid Adapter Drawing



Hybrid Adapter Type Drawing

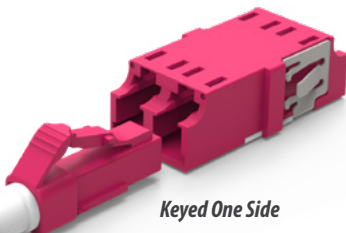


ORDERING



LC Keyed Adapter Color and Key

CODE	TYPE	COLOR & KEY	SLEEVE TYPE
977	LC Keyed Adapter	A Pink, H Cobalt	1 Zirconia Straight Split
978	LC Keyed Hybrid Adapter	B White, J Brown	
979	LC Keyed Reversed Hybrid Adapter	C Yellow, K Turquoise	
		D Red, L Magenta	
		E Orange, M Olive	
		F Violet	
		G Gray	



Keyed One Side

Keyed Connector and Matching Keyed Hybrid Adapter 978

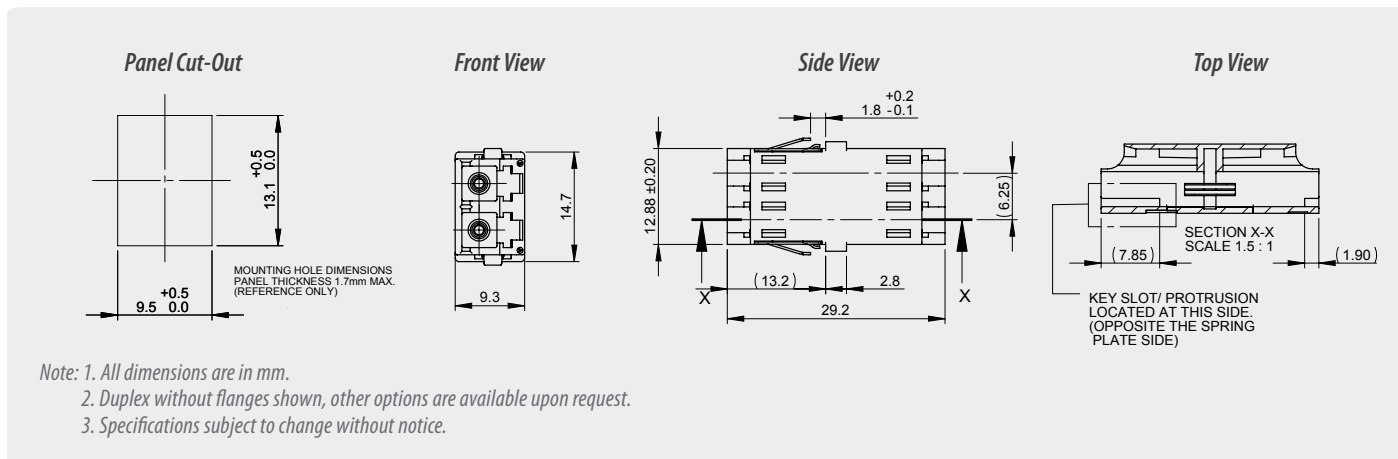
977 4SD1 ORDER CODE example

LC KEYED ADAPTER

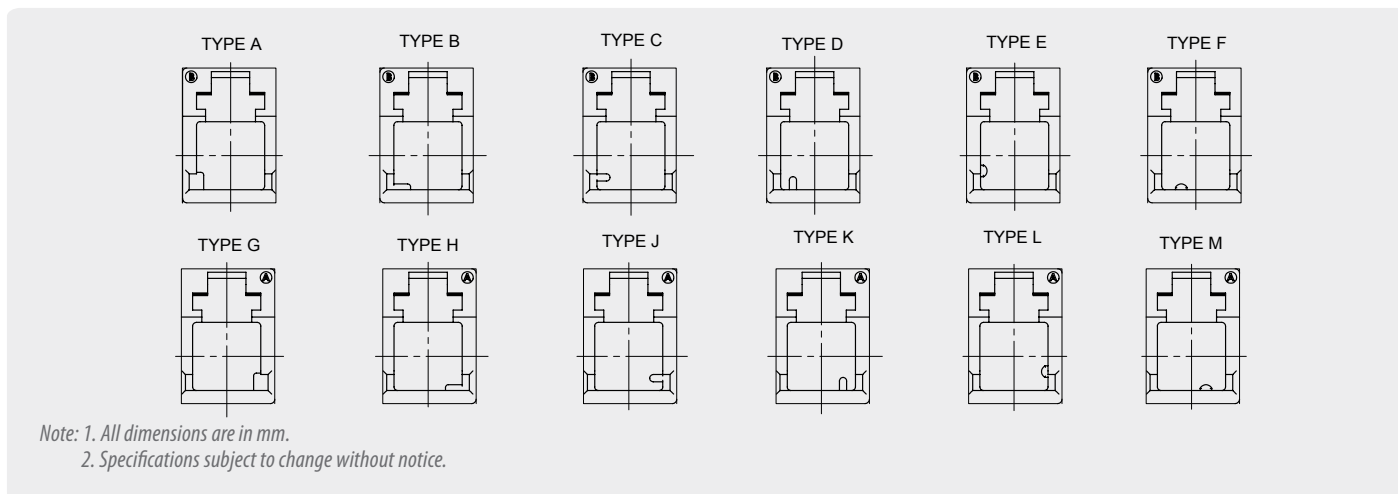
978 keyed reverse hybrid

LC KEYED ADAPTER DATASHEET

Reverse Hybrid Adapter Drawing



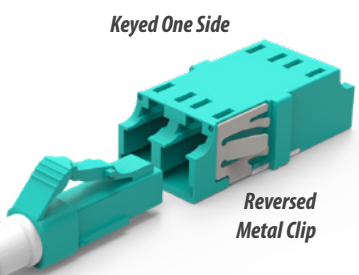
Reverse Hybrid Adapter Type Drawing



ORDERING



LC Keyed Adapter Color and Key



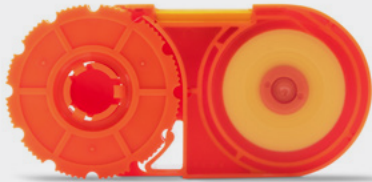
CODE	TYPE	COLOR & KEY	SLEEVE TYPE
977	LC Keyed Adapter	A Pink, H Cobalt	1 Zirconia Straight Split
978	LC Keyed Hybrid Adapter	B White, J Brown	
979	LC Keyed Reversed Hybrid Adapter	C Yellow, K Turquoise	
		D Red, L Magenta	
		E Orange, M Olive	
		F Violet	
		G Gray	

Keyed Connector and Matching Keyed Reversed Hybrid Adapter 979

977 4SD1 ORDER CODE example

Accessories - Production/Cleaning

Smart Cleaner™
Cassette
PN: SCK-CC-100



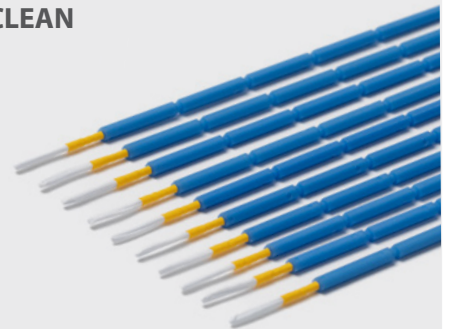
Smart Cleaner™
Mini 1.25 mm Clicker
PN: SCK-SS-M-C125
Refill PN: SCK-SS-CS-R



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+



- 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

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

SENKO[®]

Advanced Components

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