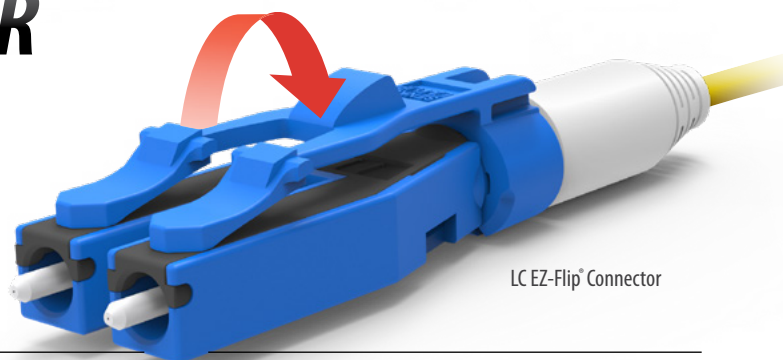


LC **EZ-Flip®** CONNECTOR

Series 94Q

Switchable Polarity

2.0 mm and 3.0 mm Cable



LC EZ-Flip® Connector

SENKO's LC EZ-Flip® Connector delivers optimum performance and reliability with a robust and compact design. Its distinctive rotary latch feature sets it apart as the world's most user-friendly and swift LC polarity-switching connector. This connector is truly versatile, seamlessly linking modern high-speed duplex LC transceivers, traditional SFP 1G networks, and everything in between.

With its low-profile latch design and a range of compact, flexible boot options, the LC EZ-Flip® enables maximum patching density and efficient cable management. Achieving patch panel densities of 224 fibers in a 1U rack space is possible, while the insertion and removal of connectors remain manageable, thanks to optional push-pull tabs of varying lengths.

For added convenience, the LC EZ-Flip® is offered as a pre-assembled connector kit, enabling consistent LC connector performance with streamlined inventory management due to fewer components. This not only saves time by reducing assembly operations but also minimizes the risk of damage during the assembly process.

FEATURES

- Polarity reversal without twisting the fiber
- Visual A/B indicators for polarity check
- Pre-assembled option reduces termination time
- Flex angle and short boot options
- Push-pull tabs for high density applications
- Uniboot connector improves cable management
- Rugged housing design

APPLICATIONS

- High density ODFs (Optical distribution Frames)
- Duplex LC transceiver connections
- High-density fibre channel switches
- Hybrid uniboot patch cords combining EZ-Flip® LC to other connector types (e.g CS or SN)
- Hyperscale, edge, enterprise and colocation data

KEY BENEFITS

- ✓ **Optimized for patching**
- ✓ **Switchable polarity**

Mechanical Data

	Value
Durability	500 matings per TIA-568
Fiber Count	Duplex (2 fibers)
Cable Suitability	2.0 mm/3.0 mm jacketed
Ferrule Material	Zirconia

Optical Data

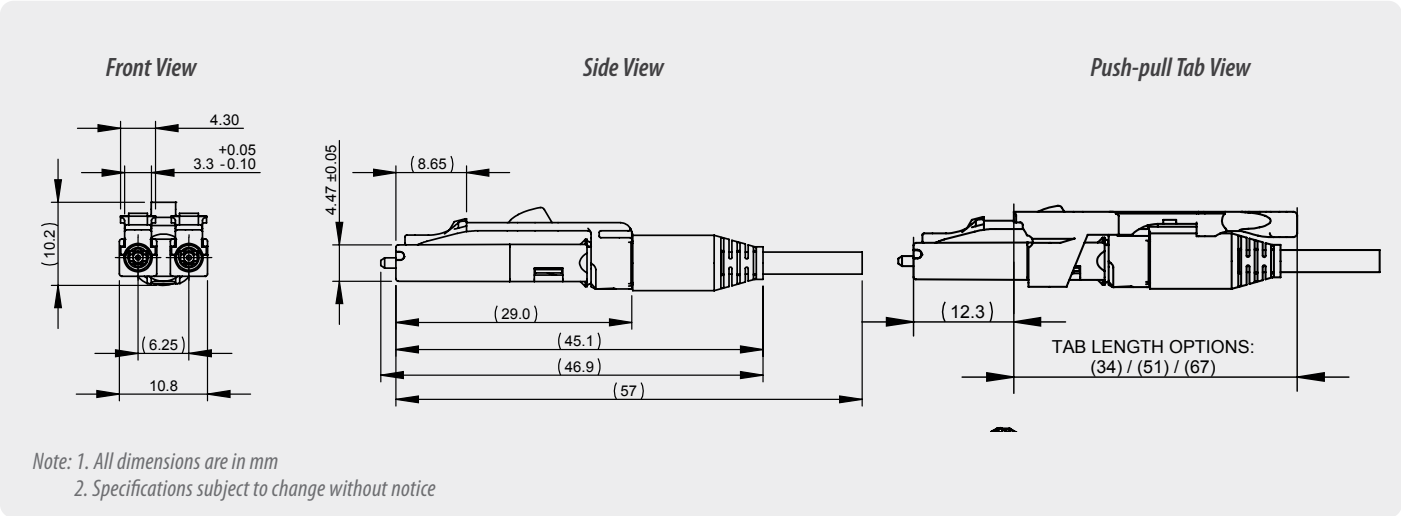
	Singlemode	Multimode
	UPC	MM
	Standard	Standard
Typical Insertion Loss (dB)*	0.12	0.15
Max. Insertion Loss (dB)*	0.30	0.30
Typical Return Loss (dB)*	≥55	≥25
Ferrule Diameter (µm)	125.5	127

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


Environmental Data

	Value
Operating Temperature	-40°C to +75°C
RoHS Compliance	2015/863 RoHS
REACH Compliance	Yes
Free of Halogen	Yes
Humidity Resistance	95%

1-Channel Connector Drawing



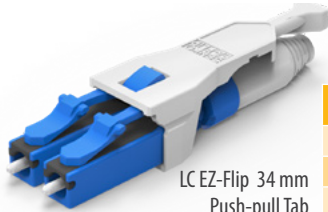
ORDERING



LC EZ-Flip Uniboot

CONNECTOR TYPE		FERRULE SIZE		HOUSING COLOR		BOOT TYPE		BOOT COLOR	
94Q	EZ Flip LC Uniboot	151	SM 125.5µm	1	Blue	C	2.0 mm	1	White
	Premium Unassembled	251	MM 127µm	2	Beige	D	3.0 mm	2	Blue
9AQ	EZ Flip LC Uniboot			5	Aqua	7	Flex-Angle 2.0 mm	3	Black
	Premium Pre-assembled			6	Heather Violet	9	Flex-Angle 3.0 mm		

LC EZ-Flip 34 mm Push-pull Tab



Note: Push-pull tab is an optional component and sold individually without the connector

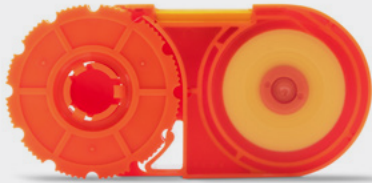
94Q - 151 - 1C1 ORDER CODE example

PART NUMBER	
94Q-HDPP-34-W	EZ-Flip LC Uniboot, Push-pull Tab 34 mm
94Q-HDPP-51-W	EZ-Flip LC Uniboot, Push-pull Tab 51 mm
94Q-HDPP-67-W	EZ-Flip LC Uniboot, Push-pull Tab 67 mm

94Q-HDPP-34-W ORDER CODE example

Accessories - Production/Cleaning

Smart Cleaner™
Cassette
PN: SCK-CC-100



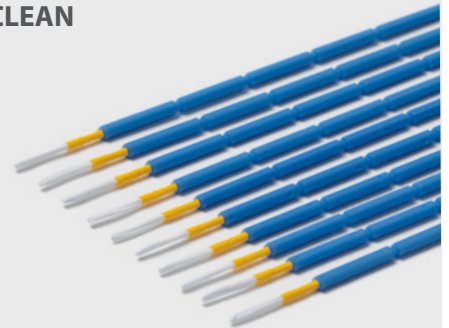
Smart Cleaner™
Mini 1.25 mm Clicker
PN: SCK-SS-M-C125
Refill PN: SCK-SS-CS-R



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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