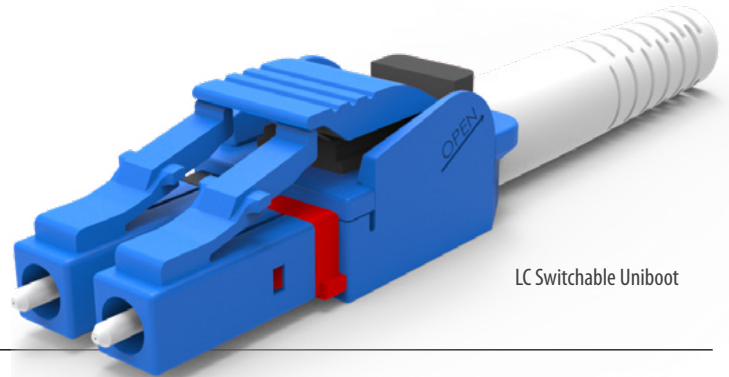


LC SWITCHABLE UNIBOOT CONNECTOR Series 948



LC Switchable Uniboot

The LC Switchable Uniboot connector by SENKO Advanced Components is an innovative fiber optic solution designed to enhance network performance and flexibility. It features a unique design allowing for easy polarity changes without special tools, simplifying installation and maintenance. The Uniboot design supports the use of a single cable in applications typically requiring larger diameter cables, optimizing space and reducing clutter in high-density network environments.

FEATURES

- Polarity change without tools
- Space optimization for high density applications
- Precision 1.25 mm ferrules for superior performance.
- Compact design for high density applications
- Fully compatible with IEC 61754-20
- User-friendly design for straightforward installation and maintenance

APPLICATIONS

- High density applications
- Telecommunications
- Data centers
- Local area networks (LANs)
- Fiber to the Home (FTTH)
- Fiber to the Antenna (FTTA)
- Enterprise networks

KEY BENEFITS

- ✓ **Simplifies installation and maintenance with easy polarity change**
- ✓ **Reduces clutter and optimizes space in high-density environments**
- ✓ **Reliable performance across a wide range of temperatures**

Mechanical Data

	Value
Durability	<0.2dB typical change, 500 matings
Fiber Count	Simplex / Duplex (1 or 2 fibers)
Cable Suitability	1.2 mm to 6 mm
Ferrule Material	Zirconia

Optical Data

	Singlemode		Multimode
	UPC	APC	MM
	Standard		
Typical Insertion Loss (dB)*	0.12	0.15	0.15
Max. Insertion Loss (dB)*	0.30	0.30	0.30
Typical Return Loss (dB)*	≥55	≥65	≥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	Yes
REACH Compliance	Yes
Humidity Resistance	95%

LC SWITCHABLE UNIBOOT CONNECTOR

Series 948

Connector Drawing

Front View

Side View

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

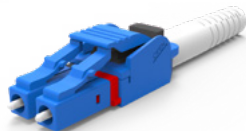
ORDERING



LC Duplex Switchable Connector with Flex Boot



LC Duplex Switchable Connector with MINI Boot



LC Duplex Switchable Connector with 5 mm Boot

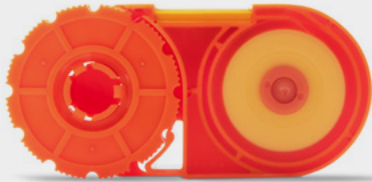
CODE	FERRULE TYPE	HOUSING	BOOT TYPE	BOOT COLOR
948	151 SM: Standard 125.5 μm	1 Blue	C MINI Boot 2.0 mm	1 White
	251 MM: Standard 127 μm	2 Beige	D MINI Boot 3.0 mm	2 Blue
		3 Green	7 Flex-Angle 2.0 mm	3 Black
		5 Aqua	9 Flex-Angle 3.0 mm	5 Red
		6 Heather Violet	T 90d Boot	6 Green
			V 3.0 mm Boot, Cable feed through back post*	7 Aqua
			G MINI Boot 1.2 mm	
			L 3.6 mm Boot*	
			M 4.5 mm Boot*	
			N 5.0 mm Boot*	
			P 5.5 mm Boot*	

Note*: Standard boot color black.

948 - 251 - 5D1 ORDER CODE example

Accessories - Production/Cleaning

Smart Cleaner™
Cassette
PN: SCK-CC-100



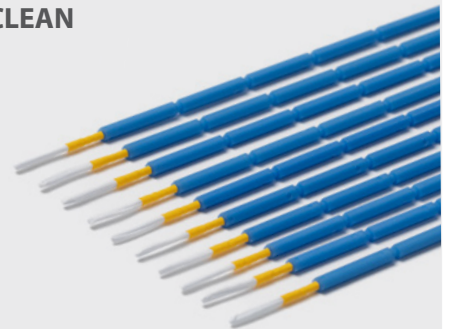
Smart Cleaner™
Mini 1.25 mm Clicker
PN: SCK-SS-M-C125
Refill PN: SCK-SS-CS-R



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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