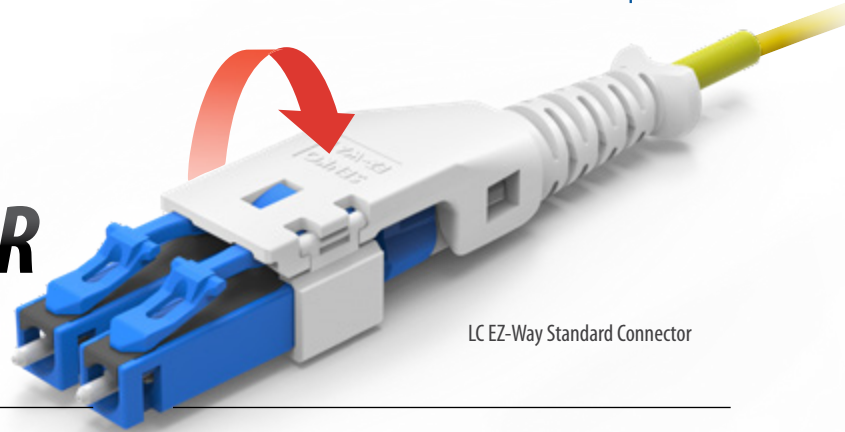


LC **EZ-WAY**[™] STANDARD CONNECTOR 94Z Series



LC EZ-Way Standard Connector

The SENKO LC EZ-Way[™] Standard Connector uses an optimized design to provide a versatile, high quality product that allows for seamless integration across different data transmission applications. It features an innovative push-pull boot design that enables quick and easy patching and removal, even in crowded environments. Additionally, it allows for polarity reversing without tools, provides a visual polarity indicator, and is simple to remove from high-density patch panels where pull-tabs can act like 'fishing hooks.' This connector also supports a belly-to-belly setup for 800G transceivers. Optimized for high-density applications, the connector ensures easy access and enhanced airflow within electronic enclosures, which helps to lower cooling costs and simplify cable management. The LC EZ-WAY[™] Standard Connector is only compatible with 2.0 mm cable and comes supplied as as an un-assembled kit ready for termination.

FEATURES

- Polarity reversing without tools
- Visual indicator for polarity
- Easy to remove in high-density patch panels
- Belly-to-belly configuration for 800G transceivers
- Compact form factor
- Robust construction
- Compatible with IEC61754-20
- 2.0mm cable compatibility
- Supplied as unassembled kit

APPLICATIONS

- Data centers
- Test and measurement equipment
- Industrial applications
- Medical equipment
- Broadcast

KEY BENEFITS

- ✓ **Optimized for high density patching**
- ✓ **Polarity changeable without tools**
- ✓ **Easy Installation and extraction**
- ✓ **800G belly-to-belly transceiver compatible**
- ✓ **Low IL and RL performance**
- ✓ **Robust design**

Mechanical Data

	Value
Fiber Count	Duplex (2 fibers)
Cable Suitability	2.0 mm jacketed
Ferrule Material	Zirconia

Optical Data

	Singlemode	Multimode
	UPC	MM
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

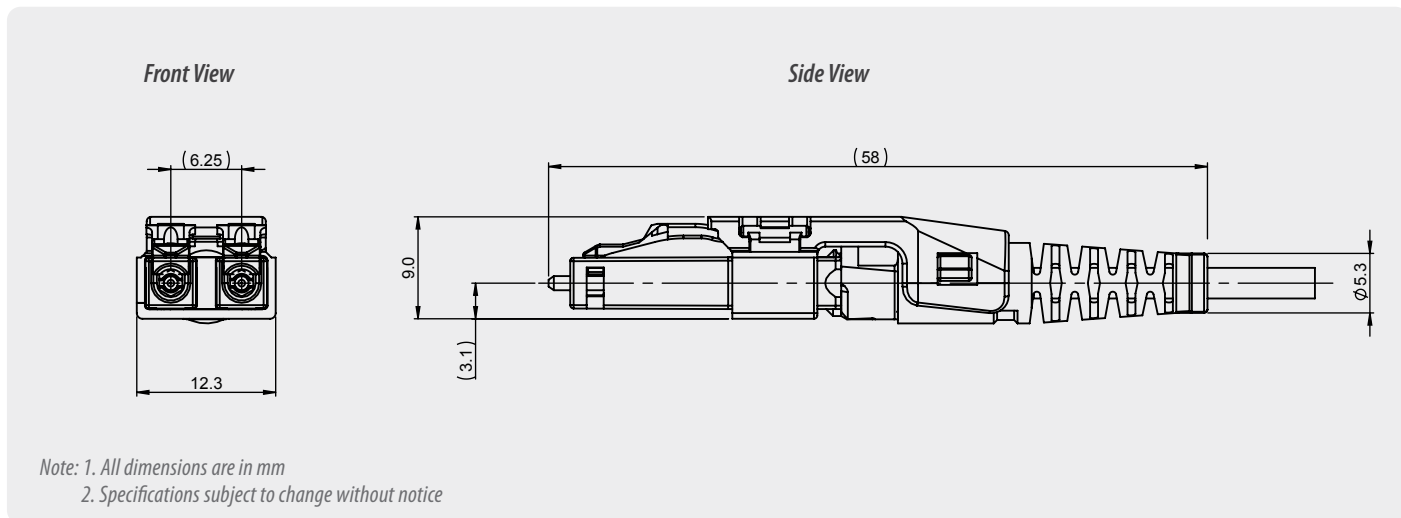
Environmental Data

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

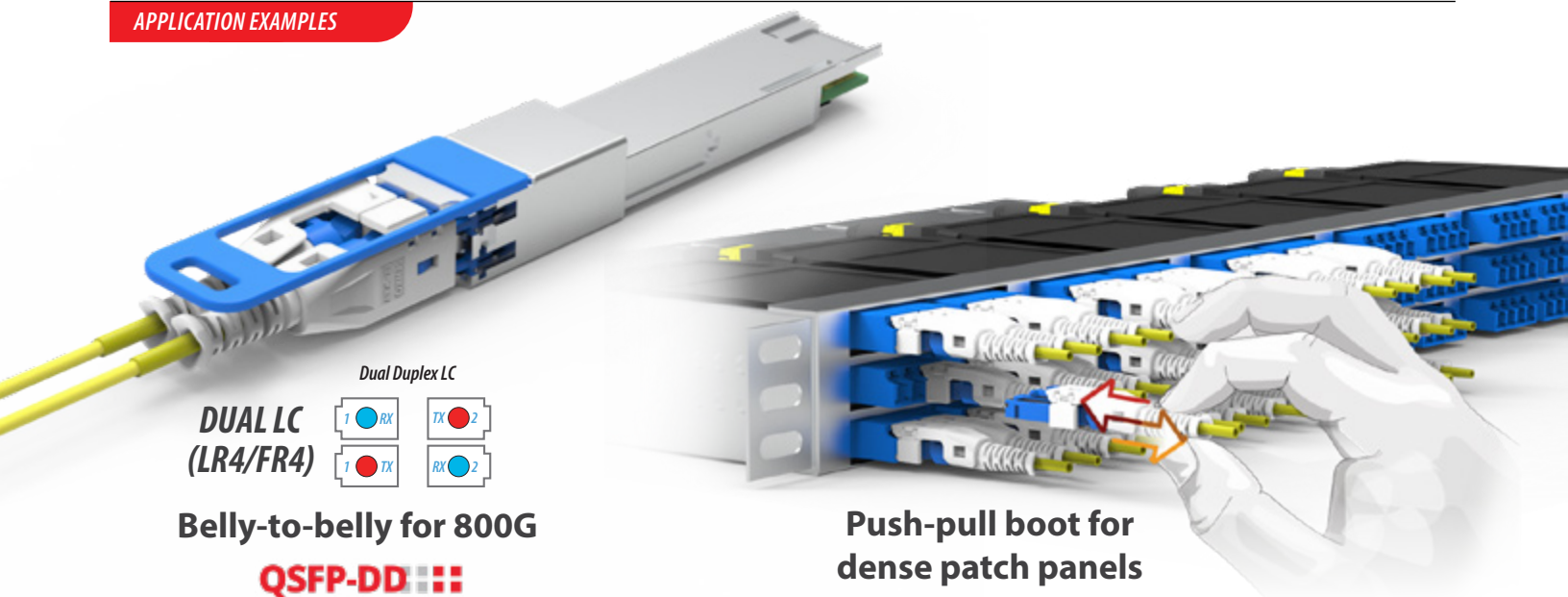
LC EZ-WAY STANDARD CONNECTOR

94Z Series

Connector Drawing



APPLICATION EXAMPLES



ORDERING



CONNECTOR TYPE	FERRULE TYPE	HOUSING COLOR	BOOT TYPE	BOOT COLOR
94Z LC EZ-Way Standard Connector Kit	151 SM Premium	1 Blue	C Pull-Boot 2.0mm	1 White
	158 SM Premium Low Loss	2 Beige		
	251 MM Premium	5 Aqua		
		6 Heather Violet		

94Y - 151 - 1C1 ORDER CODE example

Note: Connector only available un-assembled.

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

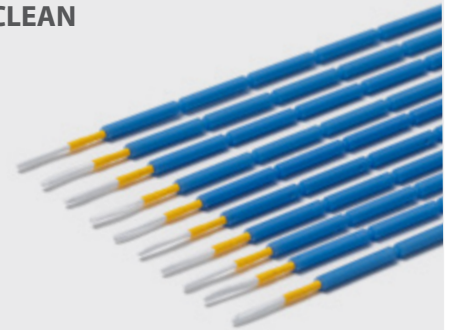
PN: SCK-SS-CS

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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