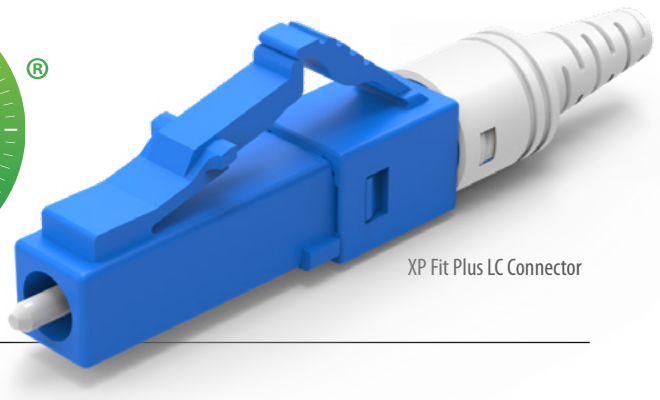
DATA SHEET

SENKO®
Advanced Components

XP FIT PLUS LC CONNECTOR

Series 951


XP Fit Plus LC Connector

The XP Fit Plus™ is a pre-polished, pre-assembled connector compatible with the standard LC connector. In place of epoxy, an internal mechanical grip gently but effectively holds the fiber in place and can be installed in under two minutes. Without polishing or adhesives, the XP Fit Plus makes field installations quick and easy, eliminating the need for epoxy curing and hand polishing at the work site.

FEATURES

- Pre-polished, pre-assembled
- Internal mechanical splice *(index matching gel)*
- Single-mode and mulimode options
- Highly stable and reliable
- Suits multiple cable types
- IEC compliant

APPLICATIONS

- Field applications.
- Telecommunications
- Data centers
- Local area networks (LANs)
- FTTX networks
- Premise distribution networks
- Industrial applications

KEY BENEFITS

- **Simple termination, no adhesives, no polishing**
- **Does NOT require the use of a fusion splicer**
- **High quality matching gel**
- **Quick installation**
- **Mulitple cable suitability**
- **Color coded housings**

XP FIT PLUS ® is a registered trademark in Canada, European Union, Switzerland, United Kingdom and USA, and is a trademark in other countries.

Mechanical Data

	Value
Durability	500 matings
Cable Types	900 µm, 2 mm, 3 mm
Intermateability	LC (IEC 61754-20)
Polishing	PC / APC
Fiber Count	Simplex *(1 Channel)*
Tensile	TIA.EIA 568-C.3

Optical Data

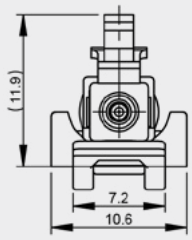
	Singlemode		Multimode
	PC	APC	PC
Typical Insertion Loss (dB)	0.2	0.3	0.1
Typical Return Loss (dB)	50	60	35

Environmental Data

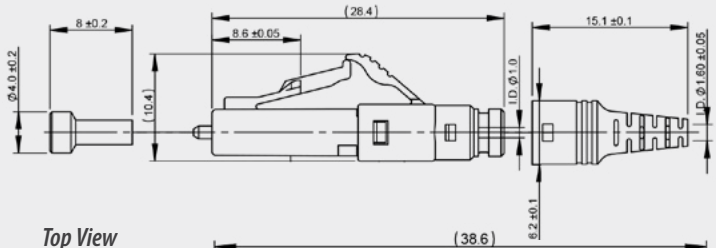
	Value
Operating Temperature	-40°C to +75°C
RoHS Compliance	Yes
REACH Compliance	Yes
Humidity Resistance	95%

Connector Drawing

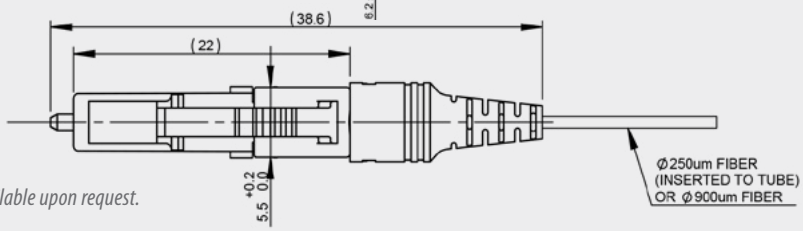
Front View



Side View



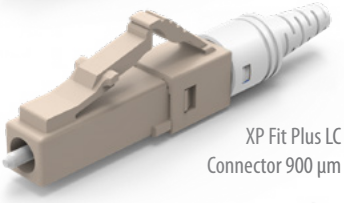
Top View



Note: 1. All dimensions are in mm
2. UPC connector for 250/900 µm cable shown, other options are available upon request.
3. Specifications subject to change without notice.

ORDERING

XP Fit Plus LC Connector 900 µm



XP Fit Plus LC Connector 900 µm

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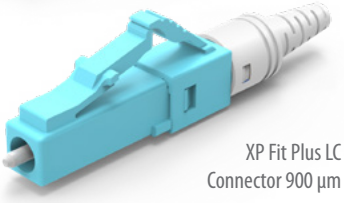


XP Fit Plus LC Connector 900 µm

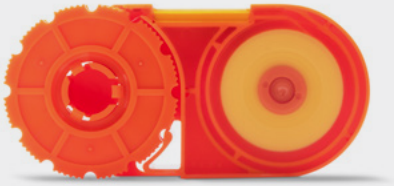
PART NUMBER	DESCRIPTION	HOUSING	BOOT COLOR
951-191-111	XPFit Plus LC Connector SM UPC 900 µm	Blue	White
951-291-411	XPFit Plus LC Connector MM 50/125 900 µm	Black	White
951-391-211	XPFit Plus LC Connector MM 62.5/125 900 µm	Beige	White
951-491-511	XPFit Plus LC Connector MM 50/125 10G OM3 900 µm	Aqua	White

951-191-111 ORDER CODE example

Note: 1. 12 pack available. Add -12 to existing part number
2. Typical specification values are at 23°C ±5°C
3. The connector performance specifications include an internal mechanical splice

Accessories - Production/Cleaning

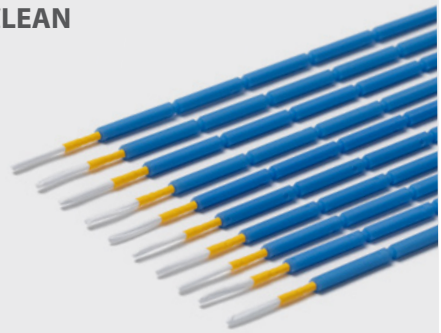
Smart Cleaner™
Cassette
PN: SCK-CC-100



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

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

THIS PRODUCT MAY BE PROTECTED BY ONE OR MORE PATENTS. FOR FURTHER INFORMATION, PLEASE VISIT **SENKO.COM/PATENTS**

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DS-LC-000023-RevA-EN