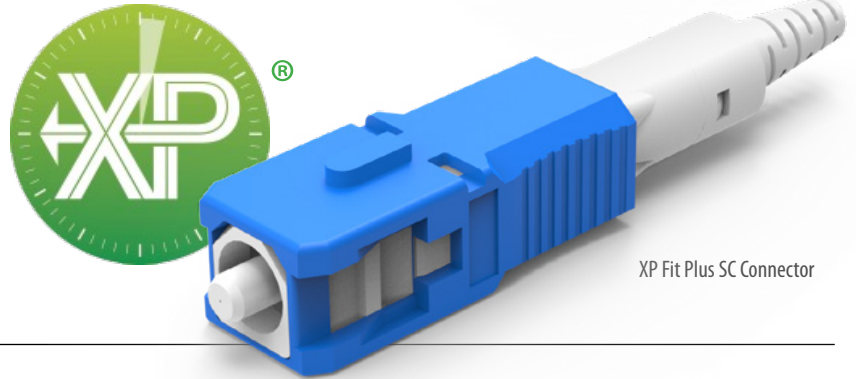


## **XP FIT PLUS**<sup>®</sup> **SC** **CONNECTOR** Series 318



The XP Fit Plus<sup>®</sup> is a pre-polished, pre-assembled connector compatible with the standard SC 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<sup>®</sup> 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 multimode 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**
- ✓ **Multiple cable suitability**
- ✓ **Color coded housings**

### Mechanical Data

	Value
Durability	500 matings
Cable Types	900 μm, 2 mm, 3 mm, Drop Cable
Intermateability	SC (IEC 61754-4)
Polishing	PC / APC
Fiber Count	Simplex (1 Channel)
Tensile IEC 61300-2-6	TIA.EIA 568-C.3

### Optical Data

	Singlemode		Multimode
	PC	APC	PC
Typical Insertion Loss (dB)	0.2	0.3	0.3
Typical Return Loss (dB)	55	60	35
Ferrule Diameter (μm)	125		127

### Environmental Data

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

# XP FIT PLUS SC CONNECTOR

## Series 318

### Connector Drawing

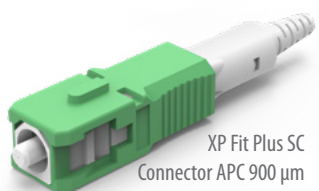
**Front View**

**Side View**

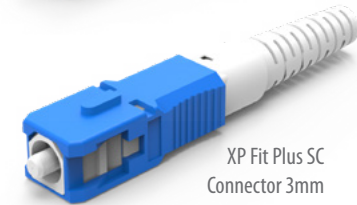
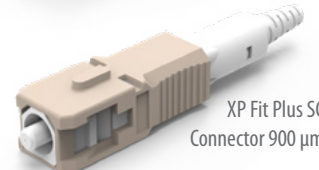
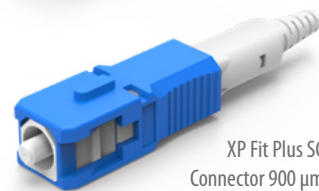
**Top View**

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

### ORDERING



PART NUMBER	DESCRIPTION	HOUSING	BOOT COLOR
318-191-627	XPFit Plus SC Connector SM: PC 900 μm/250 μm 120pack*	Blue	White
318-091-427	XPFit Plus SC Connector SC: APC 900 μm/250 μm 120pack*	Green	White
318-291-727	XPFit Plus SC Connector MM: 50/125 900 μm/250 μm 120pack*	Black	White
318-391-927	XPFit Plus SC Connector MM : 62.5/125 900 μm/250 μm 120pack*	Beige	White
318-491-527	XPFit Plus SC Connector MM: 50/125 10G OM3900 μm/250 μm 120pack*	Aqua	White
318-091-452	XPFIT Plus SC Connector SC: APC Drop Cable 120pack*		

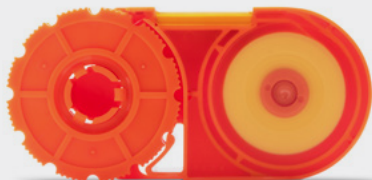


Note: 1. 12 pack available. Add -12 to existing part number  
 2. Typical specification values are at 23°C ±5°C  
 3. The connector performance specifications include an internal mechanical splice

318-191-627 ORDER CODE example

**Accessories - Production/Cleaning****Smart Cleaner<sup>TM</sup>****Cassette**

PN: SCK-CC-100

**Smart Cleaner<sup>TM</sup>****2.5 mm Clicker**

PN: SCK-SS-250

Refill PN: SCK-SS-250-R

**SC Crimp Tool**

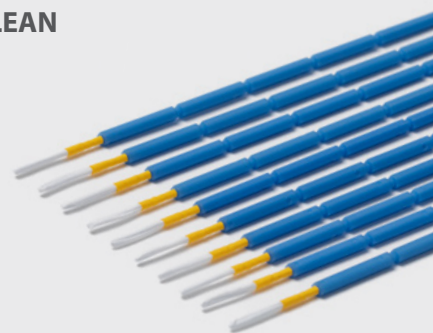
PN: CRT-401 SC, FC, ST One Piece Connectors

CRT-501 SC Connector Kit 132 Series

CRT-705 SC/LC 1.2 mm Connector

**2.5 mm NEOCLEAN  
Cleaning Stick**

PN: CSK-02

**Accessories - Interferometry****SUMIX Max W+ Inspection Scope**

PN: SMX-MANTA-W+



The MANTA W+ inspection scope is designed for high-performance inspection of all types of single fiber and multi-fiber optical connectors, patch cords and bulkheads. The MANTA HM inspection scope is used to detect scratches, contamination and other surface defects as small as 0.75  $\mu\text{m}$  on the end face of the connector.

**SUMIX Max QM+ Inspection Scope**

PN: MAX-QM+



The MAX-QS+ is a white-light and phase-shift interferometer for inspection of single fiber ST, FC, SC, LC, CS, SN, E2000<sup>TM</sup> (PC and APC), small format multi-fiber MT-RJ (PC and APC), SMA and special connectors. MAX-QS+ features portable design, autofocus, 100 micron scan range for fiber height and resolution of 1.1  $\mu\text{m}$ .

Contact [sales@senko.com](mailto:sales@senko.com)  
or visit our website for more details

**Contact  
SENKO**

# SENKO<sup>®</sup>

Advanced Components

[sales@senko.com](mailto:sales@senko.com)  
1-858-623-3300

[senko.com/contact](https://senko.com/contact)