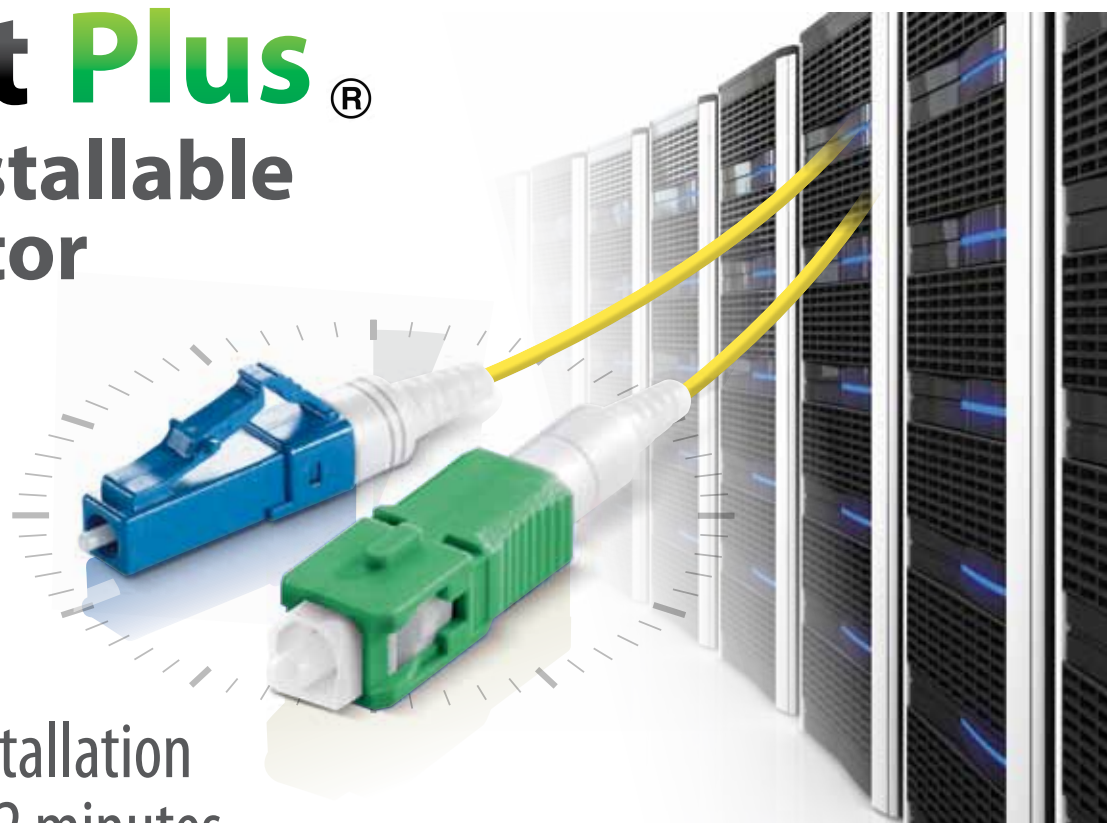


# XP Fit Plus® Field Installable Connector



Easy installation  
in under 2 minutes

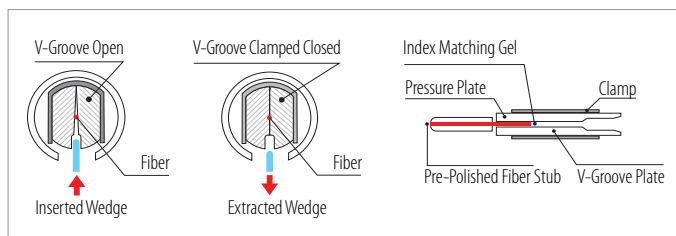
The SENKO XP Fit Plus is a pre-polished, pre-assembled connector compatible with standard SC and LC connectors. No epoxy is required as an internal mechanical grip effectively holds the fiber in place and can be installed in under two minutes. Without polishing or adhesives, the XP Fit Plus makes on site installations quick and easy, diminishing the need for epoxy curing and hand polishing at the work site. The XP Fit Plus comes with an assembly jig and fiber holder for 250µm and 900µm tight buffered fiber, ensuring accurate alignment and fiber cleave when terminating.



▶ 1 Cutting Fiber ▶ 2 Inserting Fiber ▶ 3 Take Out Connector

#### FEATURES

- Mechanical Splice (index matching gel)
- Highly Stable & Reliable
- Perfect Performance
- Compact Package
- RoHS Compliant
- Finished Connector meets UL94-V0 Flammability Rated
- TIA/EIA 568-C.3 Compliant



## XP Fit Plus SC FIELD INSTALLABLE CONNECTOR



PART NUMBER	DESCRIPTION	HOUSING	BOOT COLOR
318-191-627	XPFit Plus SC Connector SM: PC 900µm/250µm (120 pack)	Blue	White
318-091-427	XPFit Plus SC Connector SC: APC 900µm/250µm (120 pack)	Green	White
318-291-727	XPFit Plus SC Connector MM: 50/125 900µm/250µm (120 pack)	Black	White
318-391-927	XPFit Plus SC Connector MM: 62.5/125 900µm/250µm (120 pack)	Beige	White
318-491-527	XPFit Plus SC Connector MM: 50/125 10G OM3 900µm/250µm (120 pack)	Aqua	White
318-091-457	XPFit Plus SC Connector SC: APC Drop Cable	Green	Black

**Note:** 12 pack available Add -12 to existing part number

SPECIFICATIONS	SINGLEMODE	MULTIMODE
<b>For XP Fit Plus SC</b>	Typical	
<b>Insertion Loss</b>	0.2dB (PC) 0.3dB (APC)	0.1dB
<b>Return Loss</b>	55dB (PC) 60dB (APC)	35dB
<b>Durability</b>	<0.1dB change, 500 matings	
<b>Operating Temperature</b>	-40°C to +75°C	
<b>Tensile</b>	TIA/EIA 568-C.3	
<b>Intermateability</b>	IEC 61754-4	

**Note:** \*Specifications shown above were obtained using SENKO recommended products and procedures.

**Note:** The connector performance specifications include an internal mechanical splice

## XP Fit Plus LC FIELD INSTALLABLE CONNECTOR



PART NUMBER	DESCRIPTION	HOUSING	BOOT COLOR
951-191-111	XPFit Plus LC Connector SM: PC 900µm/250µm (120pack)	Blue	White
951-291-411	XPFit Plus LC Connector MM: 50/125 900µm/250µm (120pack)	Black	White
951-391-211	XPFit Plus LC Connector MM: 62.5/125 900µm/250µm (120pack)	Beige	White
951-491-511	XPFit Plus LC Connector MM: 50/125 10G OM3 900µm/250µm (120pack)	Aqua	White

**Note:** 12 pack available Add -12 to existing part number

SPECIFICATIONS	SINGLEMODE	MULTIMODE
<b>For XP Fit Plus SC</b>	Typical	
<b>Insertion Loss</b>	0.2dB (PC) 0.3dB (APC)	0.1dB
<b>Return Loss</b>	55dB (PC) 60dB (APC)	35dB
<b>Durability</b>	<0.1dB change, 500 matings	
<b>Operating Temperature</b>	-40°C to +75°C	
<b>Tensile</b>	TIA/EIA 568-C.3	
<b>Intermateability</b>	IEC 61754-4	

**Note:** \*Specifications shown above were obtained using SENKO recommended products and procedures.

## XP Fit KIT

No epoxy, polishing film, or other consumables are required for installation.



The XP Fit Installation Kit contains everything needed for installation of the SC and LC XP FIT PLUS connectors.

No epoxy, polishing film, or other consumables are required, and there is no need for electrical power, allowing installers to get in and out of installation sites quickly.

**FIELD INSTALLATION**

**Pre-packaged kits**

**XP Fit Installation KIT**

ORDER CODE	DESCRIPTION
XPF-P-F	XP Fit Field Installation Kit with Flat Cleaver - PREMIUM
XPF-S-F	XP Fit Field Installation Kit with Flat Cleaver - STANDARD
XPF-P-A	XP Fit Field Installation Kit with Angled Cleaver

DESCRIPTION	SENKO PN
XP Fit Field Installation Kit with Flat Cleaver - PREMIUM	XPF-P-F
Jacket and 250µm Fiber Stripper + 125µm Buffer Remover	AFT-T-223-S
Thermal Buffer Removal Tool	AFT-T-TBR
Replacement Blade Set	AFT-T-TBR-R
Precision Cleave Tool (Flat) - Premium	AFT-T-CL-SMT
Lint Free Dry Wipes	AFT-A-KW
Fiber Optic Cleaning Pen	AFT-A-EWP
Kevlar Scissors	AFT-T-KS
Fibre Disposal Unit	AFT-A-FU
Fine Permanent Marker Pen	AFT-A-PMB
Fibre Checker	AFT-G-FC
2.5mm to 1.25mm Adapter	AFT-G-CAC
Launch Cables	XPF-TEST-KIT
Soft Case	AFT-A-CS-XP

DESCRIPTION	SENKO PN
XP Fit Field Installation Kit with Flat Cleaver- Standard	XPF-S-F
Precision Cleave Tool (Flat) - Standard	AFT-T-CL-01

*Note: The contents of this Kit are the same as the XPF-P-F, but alternatively, includes a Premium Flat Cleaver.*

DESCRIPTION	SENKO PN
Content for XP Fit Field Installation Kit with Angled Cleaver	XPF-P-A
Precision Cleave Tool (Angled)	AFT-SE-AFC-08

*Note: The contents of this Kit are the same as the XPF-P-F, but alternatively, includes an Angled Cleaver.*

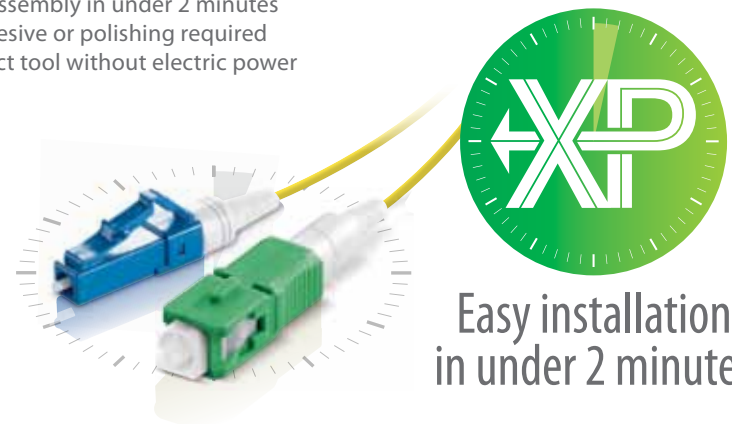
*Contents may vary according to region*



The XP-Fit Installation Kit contains everything needed for installation of the SC and LC XP FIT PLUS connectors. No epoxy, polishing film, or other consumables are required, and there is no need for electrical power, allowing installers to get in and out of installation sites quickly.

**FEATURES**

- Fast installation to minimize onsite labour costs
- Compatible with conventional LC & SC connectors and adaptors
- Easy operation
- Quick assembly in under 2 minutes
- No adhesive or polishing required
- Compact tool without electric power



**FIELD INSTALLATION**

**Pre-packaged kits**

**XP Fit Installation KIT content detail**

- 1 Soft Case
- 2 Fibre Disposal Unit
- 3 Lint Free Wipes
- 4 Standard Cleaver
- 5 Smart Checker
- 6 Buffer Remover
- 7 Launch cables
- 8 Fiber Stripper
- 9 Kevlar scissors



**Premium Cleaver Flat**



**Standard Cleaver Flat**



**Precision Cleaver Angled**

