

## Splice-On Connector Termination System

FITEL's new connector termination system allows for unsurpassed performance and flexibility in the field.

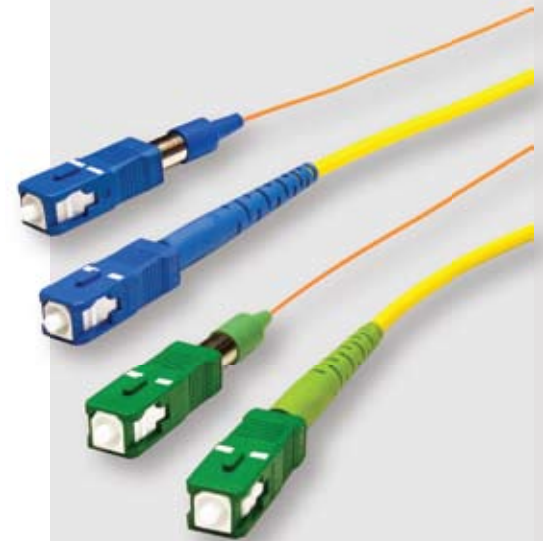
This new "splice-on" connector eliminates the need for field polishing and significantly improves the quality of the termination and installation time required.

FITEL's factory polished ferrules with pre-cleaved fiber stubs are spliced onto the field fiber utilizing FITEL's proprietary ferrule holder and fusion splicer. The connector is easily assembled by using a process that requires minimal skill or training.

- Both single-mode and multimode versions are available.

### Features and Applications

- **Simple, Fast, & Consistent Field Termination** – Allows for easy field repair of pre-terminated splitters, fan outs, and drop terminals
- **No Polishing or Epoxy** – FITEL's connector termination process requires no polishing or epoxy increasing the quality and consistency of field connector termination. Total installation time is greatly reduced compared to traditional methods
- **Fiber Management** – The most difficult task for splicer operators has always been managing the fiber upon completion of splicing. The connector termination feature on the S122C and S177A Fusion Splicers eliminates the need for splice trays resulting in easier fiber management, reduced storage requirements, and faster installation times



SOC Connectors

### TECHNICAL INFORMATION

#### SPLICER

Type	S122A	S177A
Splicing Method	Clad-Alignment	Core-Alignment
Fiber Type	SMF, MMF, DSF, NZDSF	SMF, MMF, DSF, NZDSF, EDF, etc.
Insertion Loss	Typical 0.05 dB (SMF)	Typical 0.02 dB (SMF)
Battery Capacity	50 splice cycles	70 splice cycles
Applicable Sleeves	20 - 60 mm	20 - 60 mm

#### CONNECTOR

Type	SC / Ultra PC; FC / Ultra PC	SC / Angled PC; FC / Angled PC
Insertion Loss	Typical 0.30 dB	
Reflectance	< -55 dB	< -65 dB
Fiber Type	SMF	
Jacket Type	900 μm, 2 mm, 3 mm	
Ferrule Type	Zirconia ceramic ferrule with pre-polished fiber stub	

## ORDERING INFORMATION

P/N	Description
S709C	SOC Fiber Holder for S122C
S707C	SOC Fiber Holder for S177A-02
S325A	S325A Hand-Held High Precision Cleaver
S240A	S240A Slitter Snapper
SS-01	SS-01 Splicer Scissors
S211B	S211B 3-Hole Fiber Stripper
CRP-01	CRP-01 SOC Crimp Tool
SSCS-PN1	SC / APC Splice-On-Connector, 900 $\mu$ m
SSCS-PN2	SC / APC Splice-On-Connector, 2 mm
SSCS-PN3	SC / APC Splice-On-Connector, 3 mm
SSCS-P1	SC / UPC Splice-On-Connector, 900 $\mu$ m
SSCS-P2	SC / UPC Splice-On-Connector, 2 mm
SSCS-P3	SC / UPC Splice-On-Connector, 3 mm
SAPS-388	FC / APC Splice-On-Connector, 900 $\mu$ m
SAPS-386	FC / APC Splice-On-Connector, 2 mm
SAPS-387	FC / APC Splice-On-Connector, 3 mm
SAPS-358	FC / UPC Splice-On-Connector, 900 $\mu$ m
SAPS-356	FC / UPC Splice-On-Connector, 2 mm
SAPS-357	FC / UPC Splice-On-Connector, 3 mm



S122C

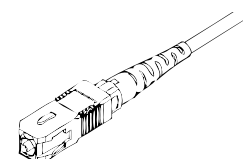


S177A-02

## 900 $\mu$ m CONSTRUCTION



## 2 & 3 mm CONSTRUCTION



 **SEIKOH GIKEN  
CONNECTORS**

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