

# FITEL CONNECTOR TERMINATION SYSTEM

## DESCRIPTION

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. Once spliced, the SC/APC or SC/UPC connector is easily assembled by using a process that requires minimal skill or training.



## TECHNICAL INFORMATION - SPLICER

	TYPE	
	S122A	S177A-02
Splicing Method	Clad-Alignment	Core-Alignment
Fiber Type	SMF, MMF, DSF, NZDSF	SMF, MMF, DSF, NZDSF, EDF, etc.
Insertion Loss	Typical 0.05dB (SMF)	Typical 0.02dB (SMF)
Battery Capacity	50 splice cycles	70 splice cycles
Applicable Sleeves	20 - 60mm	20 - 60mm

## TECHNICAL INFORMATION - CONNECTOR

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

## FEATURES & 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

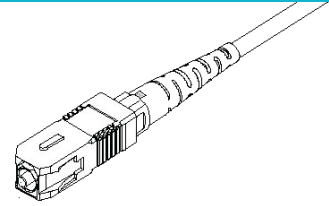
The most difficult task for splicer operators has always been managing the fiber upon completion of splicing. The connector termination feature on the S122A and S177A eliminates the need for splice trays resulting in easier fiber management, reduced storage requirements, and faster installation times.

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## 900µm CONSTRUCTION



## 2 & 3mm CONSTRUCTION



## ORDERING INFORMATION

PART NUMBER	DESCRIPTION
S122A-KIT-2	S122A Clad Alignment Fusion Splicer Kit
S177A-02-KIT	S177A-02 Core-Alignment Fusion Splicer Kit
SOC-KIT-A	S122 Connector Termination Add-on Kit
SOC-KIT-B	S177 Connector Termination Add-on Kit
SSCS-PN1	SC/APC Splice-On-Connector, 900um
SSCS-PN2	SC/APC Splice-On-Connector, 2mm
SSCS-PN3	SC/APC Splice-On-Connector, 3mm
SSCS-P1	SC/UPC Splice-On-Connector, 900um
SSCS-P2	SC/UPC Splice-On-Connector, 2mm
SSCS-P3	SC/UPC Splice-On-Connector, 3mm
SAPS-388	FC/APC Splice-On-Connector, 900um
SAPS-386	FC/APC Splice-On-Connector, 2mm
SAPS-387	FC/APC Splice-On-Connector, 3mm
SAPS-358	FC/UPC Splice-On-Connector, 900um
SAPS-356	FC/UPC Splice-On-Connector, 2mm
SAPS-357	FC/UPC Splice-On-Connector, 3mm

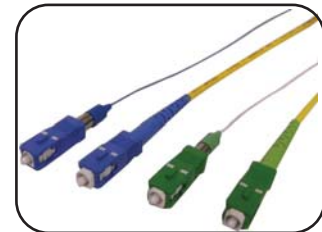
S122



S177



SOC CONNECTORS



Furukawa reserves the right to improve, enhance, and modify the features and specifications of FITEL products without prior notification

## INNOVATIONS IN FIBER OPTICS

Brought to you by:



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