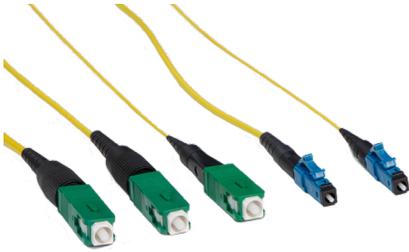# FITEL® FUSION SPLICERS

EZ!Fuse™ Splice On Connector

Features and Benefits

- **Simple, Fast, & Consistent Field Termination:**
  Allows for easy field installation of EZ-Bend cables, pre-terminated splitters, fan outs, and drop terminals.

- **No Polishing or Epoxy**:
  OFS'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 eliminates the need for splice trays resulting in easier fiber management, reduced storage requirements, and faster installation times.

Product Description

OFS's new Splice On Connector termination system allows for easy termination and flexibility in the field. The "splice-on" connector (SOC) eliminates the need for field polishing and significantly improves the quality of the termination and installation time required. The connector is easily assembled by using a process that requires minimal skill or training. These connectors are optimal for use in FTTx application. Both UPC and APC polishing are available for single-mode fiber.

EZ!Fuse Splice On Connector is compatible with the FITEL Fusion Splicers models Ninja, S179, S178 and the EZ-Terminator™.

Ninja NJ001 Fusion Splicer

S179A Fusion Splicer

S178A / S153A / S123C Fusion Splicer

EZ-Terminator Termination Tool

A Furukawa Company

www.ofsoptics.com

EZ!Fuse™ Splice On Connector

Product Characteristics

Parameter	Description
Applicable Fiber Type	250µm, 900µm, 2mm, 3mm
Connector Type	SC, LC
Polishing	UPC or APC (SM), PC (MM)
Insertion Loss Typical	0.3dB (SM), 0.1dB (MM)
Return Loss	> 60dB (SM/APC), >50dB (SM/UPC), >30dB (MM/PC)
Operating Temperature	- 40 °C to 75 °C

Ordering Information

Product Code	Description	MOQ
FSOC-SC09-SM-U	SC connector, SM UPC polishing for 250/900µm fiber	
FSOC-SC23-SM-U	SC connector, SM UPC polishing for 2/3mm cordage	
FSOC-SC09-SM-A	SC connector, SM APC polishing for 250/900µm fiber	
FSOC-SC23-SM-A	SC connector, SM APC polishing for 2/3mm cordage	
FSOC-SC09-M3-P	SC connector, OM3 PC polishing for 250/900µm fiber	
FSOC-SC23-M3-P	SC connector, OM3 PC polishing for 2/3mm cordage	
FSOC-SC09-M1-P	SC connector, OM1 PC polishing for 250/900µm fiber	
FSOC-SC23-M1-P	SC connector, OM1 PC polishing for 2/3mm cordage	
FSOC-SC48-SM-U	SC connector, SM UPC polishing for 4.8mm cordage	**10 connectors**
FSOC-SC48-SM-A	SC connector, SM APC polishing for 4.8mm cordage	One S712C-SGS9C-R-P is supplied with each MOQ of 10 connectors.
FSOC-SC12-SM-U	SC connector, SM UPC polishing for 1.2mm cordage	
FSOC-SC12-SM-A	SC connector, SM APC polishing for 1.2mm cordage	
FSOC-LC09-SM-U	LC connector, SM UPC polishing for 250/900µm fiber	
FSOC-LC20-SM-U	LC connector, SM UPC polishing for 2mm cordage	
FSOC-LC09-SM-A	LC connector, SM APC polishing for 250/900µm fiber	
FSOC-LC20-SM-A	LC connector, SM APC polishing for 2mm cordage	
FSOC-LC09-M3-P	LC connector, OM3 PC polishing for 250/900µm fiber	
FSOC-LC20-M3-P	LC connector, OM3 PC polishing for 2mm cordage	
FSOC-LC09-M1-P	LC connector, OM1 PC polishing for 250/900µm fiber	
FSOC-LC20-M1-P	LC connector, OM1 PC polishing for 2mm cordage	

Required Holders

Part Number	Description
S712C-SGS9C-R-P	SC type ferrule holder for FITEL splicer (Plastic) 1 piece is included in each MOQ 10 connectors
S712C-SGL9C-R-P	LC type ferrule holder for FITEL splicer (Plastic) 1 piece is included in each MOQ 10 connectors
S712S-250	250 µm coated fiber holder for FITEL splicer
S712S-900	900 µm coated fiber holder for FITEL splicer
S712C-FSOC1-L	Cordage holder for FITEL splicer
S712C-FSOC2-L	Cordage holder S179, NJ001, EZT for 0.25mm bare fiber and 1.2mm cordage

Related Products

Part #	Description
EZT-01	Ring and slit tool for EZ!fuse SOC 2/3 mm SC/LC assemblies
SS-01	Splicer Scissors/ Kevlar Shear

EZT-01   SS-01