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**:
  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 eliminates the need for splice trays resulting in easier fiber management, reduced storage requirements, and faster installation times.



Product Description

FITEL's new Splice On Connector termination system allows for easy termination and flexibility in the field.This new "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 and S178.



Ninja NJ001 Fusion Splicer



S179A Fusion Splicer



S178A / S153A / S123C Fusion Splicer

ofs
A Furukawa Company

Authorized Distributor of FITEL Products in the Americas

EZ!Fuse™ Splice On Connector

Product Characteristics

Parameter	Description
Applicable Fiber Type	250µm, 900µm, 2mm, 3mm
Connector Type	SC
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 250/900um fiber	10 connectors. One S712C-SGS9C-R-P is supplied with each MOQ of 10 connectors.
FSOC-SC23-SM-U	SC connector, SM UPC polishing for 2/3mm cordage	
FSOC-SC09-SM-A	SC connector, SM APC polishing for 250/900um fiber	
FSOC-SC23-SM-A	SC connector, SM APC polishing for 2/3mm cordage	
FSOC-SC09-M3-P	SC connector, OM3 PC polishing for 250/900um fiber	
FSOC-SC23-M3-P	SC connector, OM3 PC polishing for 2/3mm cordage	
FSOC-SC09-M1-P	SC connector, OM1 PC polishing for 250/900um fiber	
FSOC-SC23-M1-P	SC connector, OM1 PC polishing for 2/3mm cordage	

Required Holders

Part Number	Description
S712C-SGS9C-R-P	Ferrule holder for FITEL splicer (Plastic) 1 piece is included in each MOQ 10 connectors
S712S-250	250um coated fiber holder for FITEL splicer
S712S-900	900um coated fiber holder for FITEL splicer
S712C-FSOC1-L	Cordage holder for FITEL splicer

For additional information please contact your sales representative.

You can also visit our website at **www.ofsoptics.com** or call **1-888-fiberhelp** (1-888-342-3743) USA or **1-770-798-5555** outside the USA.

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