



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 FITE! Fusion Splicers models Ninja, S179, S178 and the EZ-Terminator™.

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:

Lightera'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.



Ninja NJ001 Fusion Splicer



S179A Fusion Splicer



S178A / S153A / S123C Fusion Splicer



EZ-Terminator Termination Tool

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 | 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 250/900µm 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 | |
| FSOC-SC48-SM-A | SC connector, SM APC polishing for 4.8mm cordage | |
| 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 FITELE splicer (Plastic) 1 piece is included in each MOQ 10 connectors |
| S712C-SGL9C-R-P | LC type ferrule holder for FITELE splicer (Plastic) 1 piece is included in each MOQ 10 connectors |
| S712S-250 | 250 µm coated fiber holder for FITELE splicer |
| S712S-900 | 900 µm coated fiber holder for FITELE splicer |
| S712C-FSOC1-L | Cordage holder for FITELE 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

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