1. Components
Fuseconnect-FC-SF is assembled with parts shown below.

2. Assembly & Fiber cable preparation tools

3. Operation procedure

3.1 Preparation

3.2 Cable Processing

3.2.1 Fiber stripping and cleaning, screening

Remove approximately 35mm of fiber coating.

Clean the fiber surface after the coating is removed with cotton dipped in alcohol. Bend the fiber up and down, left and right 3 times slowly with the finger (about 60°) to verify that it does not break.

3.2.2 Cleave fiber

Make a marking at 3mm from edge of fiber jacket. Set fiber on the fiber holder according to marking.

Note: There is no gap between cleaver and fiber holder.

3.3 Fiber termination

3.3.1 Preparation

Set fiber holder and connector holder on fusion splicer.

3.3.2 Fusion splice

Splice cable to connector

3.4 Heating

3.4.1 Remove completed splice

Release the cover of Fiber holder and connector holder. Applying slight tension on fiber, remove completed splice.

3.4.2 Slide fusion splice sleeve; Set heater

Slide fusion splice sleeve
Note: There is no gap between tube edge and ferrule edge.
3.5 housing assembly

3.5.1 Fix coupling to Stopring

Set on the heater then start heating.
Note: Refer to Table 1 (Heating condition)

<table>
<thead>
<tr>
<th>Splicer model</th>
<th>Existing heater mode to use</th>
<th>Parameters to be changed</th>
<th>Heat time(S)</th>
<th>Heat temp(℃)</th>
</tr>
</thead>
<tbody>
<tr>
<td>FSM-60S/FSM-18S</td>
<td>FP-03 (L=40mm)</td>
<td>50</td>
<td>210</td>
<td></td>
</tr>
<tr>
<td>FSM-60R/FSM-18R</td>
<td>FP-05</td>
<td>50</td>
<td>230</td>
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<tr>
<td>FSM-17S-FH</td>
<td>FPS-01-900-25</td>
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<td>200</td>
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<tr>
<td>FSM-50R/FSM-17R</td>
<td>FP-05</td>
<td>50</td>
<td>230</td>
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<tr>
<td>FSM-11S/FSM-11R</td>
<td>FP-04(S)</td>
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<td>200</td>
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<td>FSM-30R/FSM-16R</td>
<td>40mm</td>
<td>85</td>
<td>240</td>
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</tr>
</tbody>
</table>

Table 1 Heating condition

Slide stopring near to the connector, then set boot unit in ferrule while aligning the key.

Set coupling in boot unit while aligning the key.

Completed!