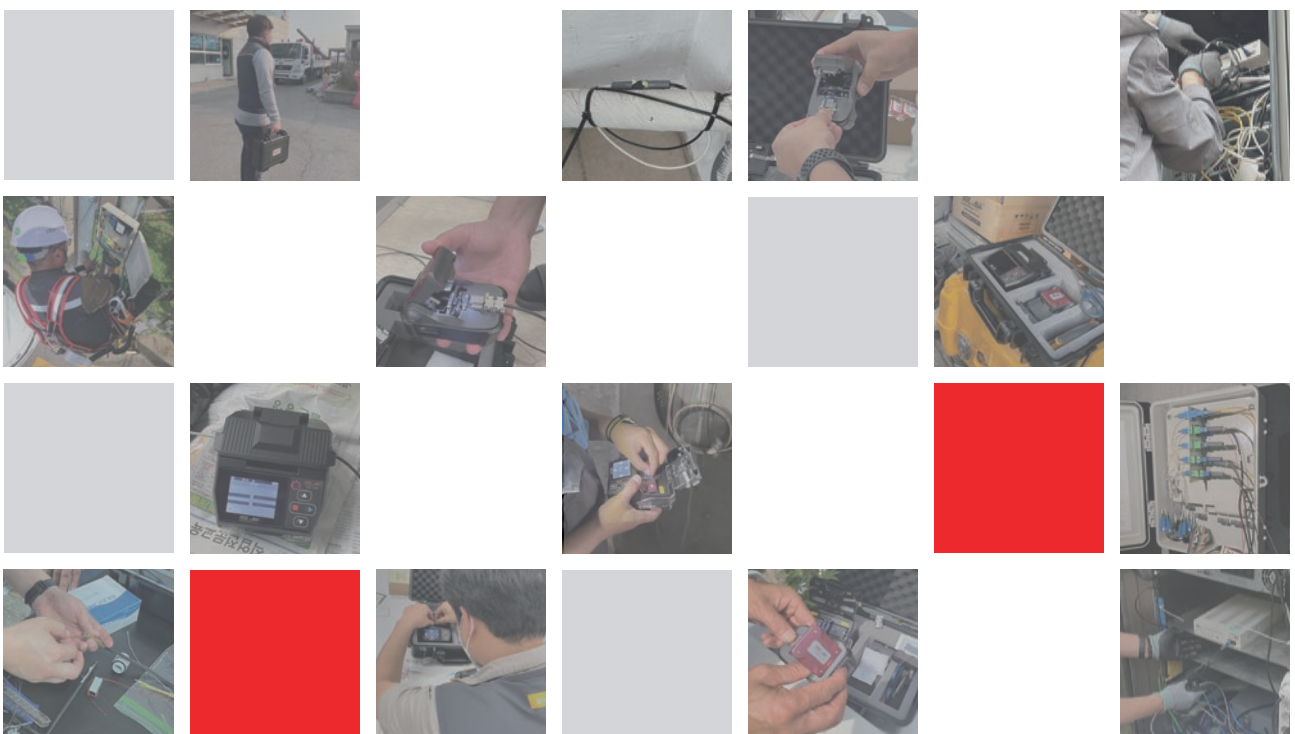
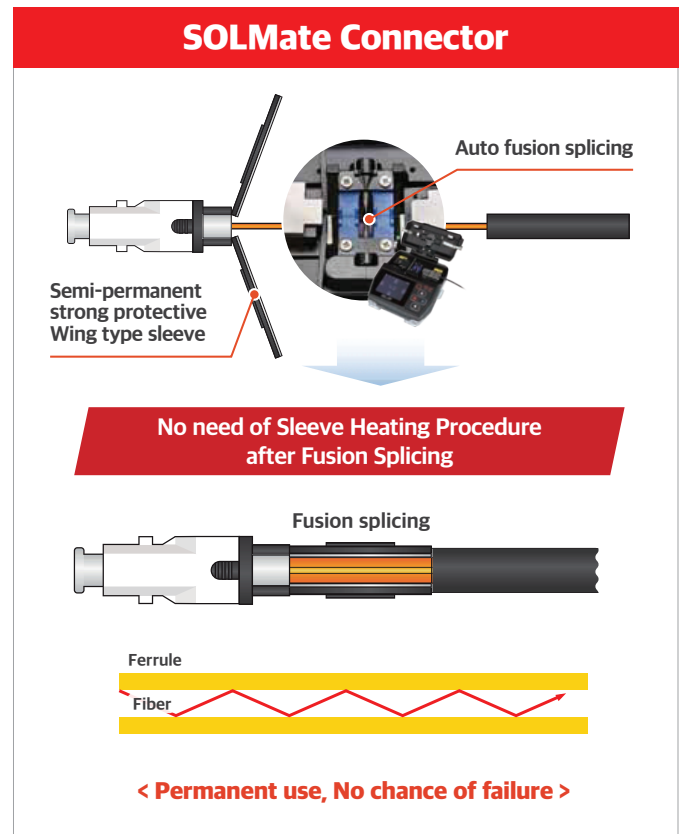
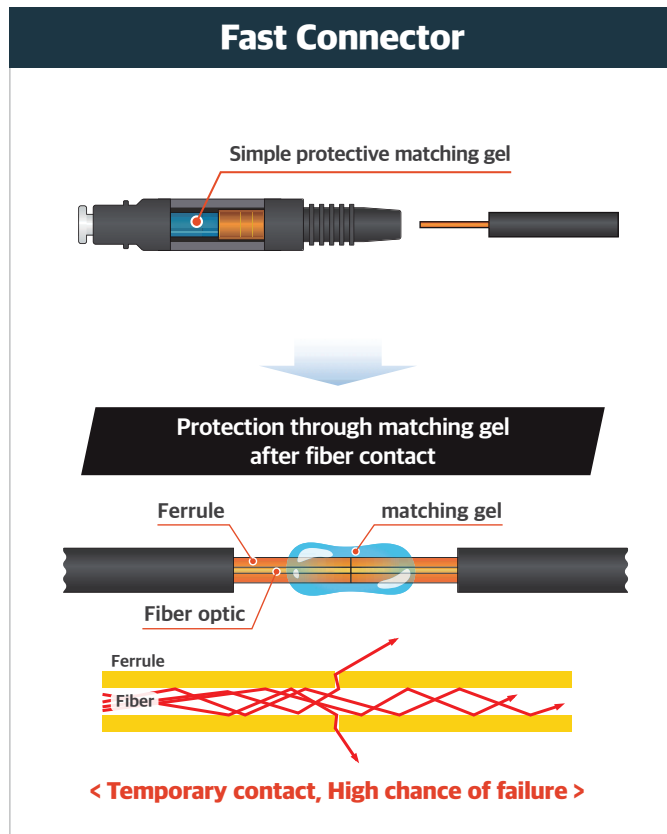


SOLMate Solution

Your Friendly Solution



Evolution of Fast Connector



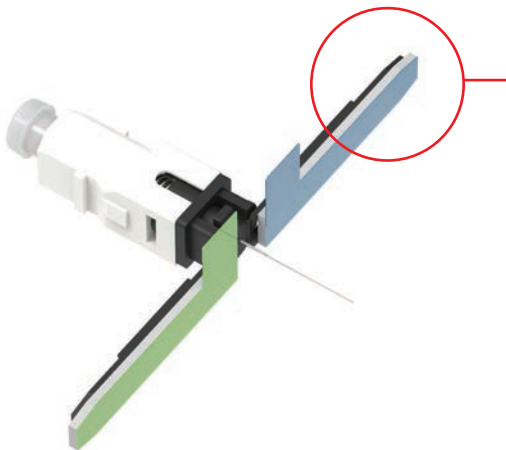
SC APC & SC UPC		SOL-SCU-00 SOL-SCA-00	
		SOL-SCU-12 SOL-SCA-12	
		SOL-SCU-23 SOL-SCA-23	
		SOL-SCU-24 SOL-SCA-24	
LC APC & LC UPC		SOL-LCU-23 SOL-LCA-23	
		SOL-LCU-24 SOL-LCA-24	
		SOL-LCU-00 SOL-LCA-00	

FTTH Drop Cable Connector Termination Solution

The SOLMate connector can be directly spliced to the drop cable in your home-pass network to achieve FTTH. Due to its high-quality performance and long time without any maintenance using splicing technology, it is considered more cost effective than the fast connectors. The solution achieves Insertion and Return loss of below 0.2dB and 55dB respectively for single-mode, and below 0.2dB and 30dB respectively for multi-mode and it is RoHS and CE certified.



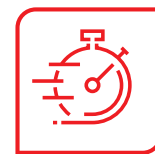
SOLMate Connector



Wing Type Sticker sleeves to protect connection point (Semi-Permanent Life time)

Industrial adhesive wing sleeve tape

- No need of heating procedure
- Waterproof
- High endurance to humidity
- Adaption to extreme temperature (-40~75°C)
- Shock resistant



Quick & Simple Assembly



No Sleeve Heating Process



Strong Protective Wing type Sleeve



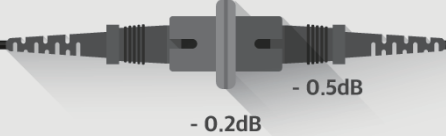



Semi-Permanent Life time



FTTH Drop Cable Extension & Repair Solution

Conventional connector adapters cause frequent failure due to vulnerability to environmental factors like dust and water. With the SOLMate field fusion splicing tool and the closure solution, the drop cable can be simply extended or recovered during breakage with sufficient tensile force and no waste of cable. The solution achieves Insertion and Return loss of below 0.1dB and 60dB respectively, with operating temperature of $-40\sim 75^{\circ}\text{C}$. It is RoHS and CE certified.

When the cable needs to be extended

<p>- 1.2dB</p>  <p>- 0.5dB - 0.2dB</p> <p>Conventionally using Connector Adapter</p>	<p>- 0.1dB</p>  <p>SOLMate Closure Solution</p>
	 <ul style="list-style-type: none"> ▪ Extended with low loss ▪ High endurance to environment

When the cable needs repair

	 <ul style="list-style-type: none"> ▪ Prevent bending loss ▪ Clean cable arrangement
	<p>IP65, Tensile Force 100N</p>  <p>Waterproof</p>

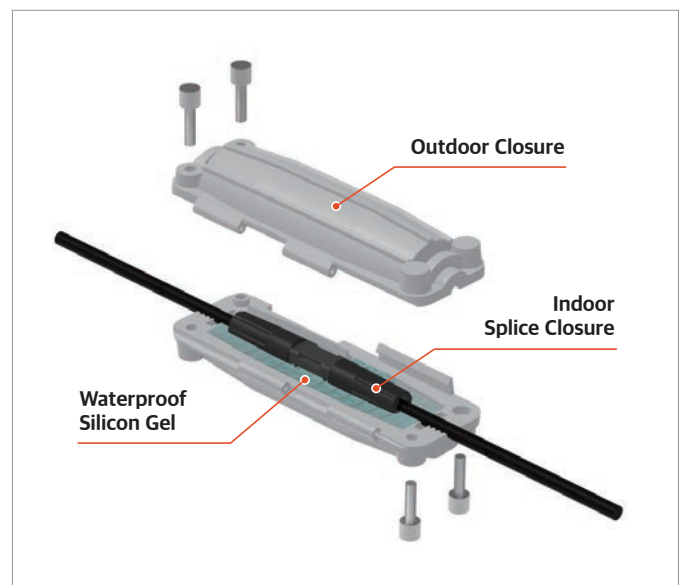
Scientific Military Optical Cable Fence Solution

Scientific Military Border to enhance the monitoring and surveillance system using optical cable. Any failure or breakage of outdoor drop cable fence can be simply and quickly repaired using SOLMate Closure solution to manage the frequent maintenance.



Waterproof Protection Enclosure for Optical Cable Maintenance

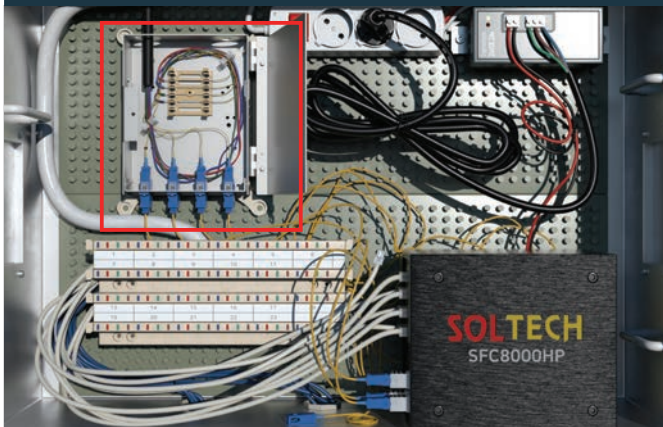
The waterproof silicon gel applied inside the outdoor closure protects the indoor screw type splice closure from the outdoor environment.



Mini-closure Solution for FDF Replacement

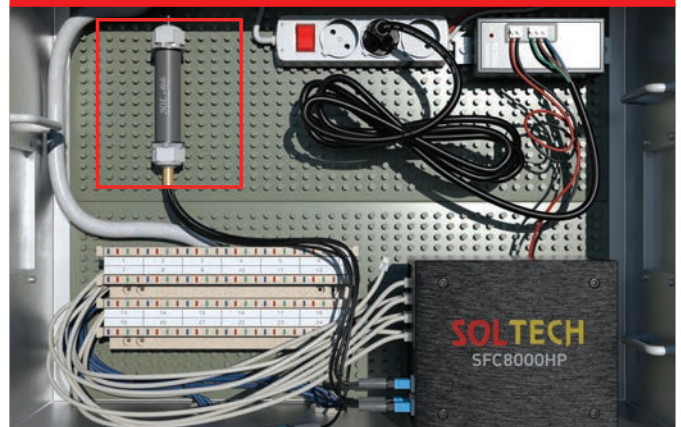
Innovative mini-FDF solution to replace the complex conventional FDF to reduce space and cost. It supports simple and reliable fiber optic network installation and available of superb waterproof function and tensile strength. 4cores of 0.9mm and 0.25mm pigtail can be fanout by 3mm drop cable tube.

Using FDF



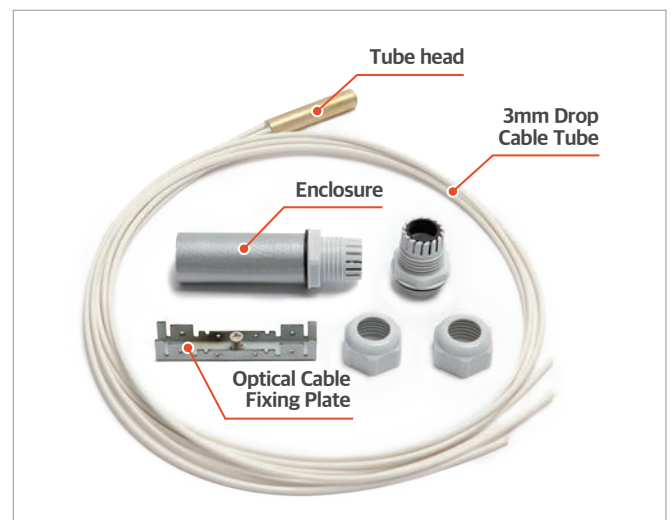
- Pigtail splicing connection
- Not possible to utilize small area due to size of FDF
- Inconvenient with remaining optical cable
- High possibility of unnecessary loss and possibility of failure due to splice point exposed in the air inside the FDF

Using SOLMate OCT



- Splice point is inside the connector without exposure to the air
- Simple and Quick termination and assembly
- Dust and water proof
- Prevents Shock
- Usage of small space and no need FDF box

Termination with SOLMate Connectors



SOLMate 2-step Operation Cleaver

Experience the fiber cleaving with Two Step operation only. Built-in LED provides the advanced visualization to the user even in the dark. The user can cleave the fiber with one hand only with our SOLMate Cleaver. It has Clad Length of 10~20mm and Cleave Angle of below 0.5°

Perfect partner for SOLMate Solution

335g

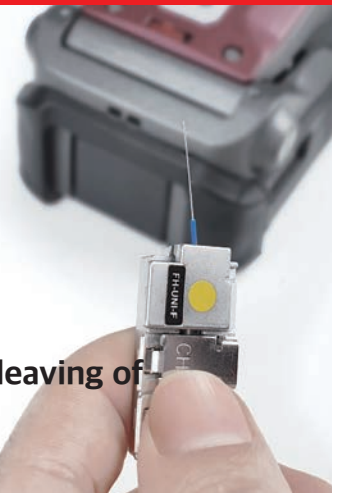
Easy to use with
one hand

Product Size

: 82(W) x 69(D) x 41(H) mm



Clean and precise cleaving of
16,000 times



**LED built-in and
Wide open angle**
for comfortable use



Wide fiber chip box
for safe use



How to Use



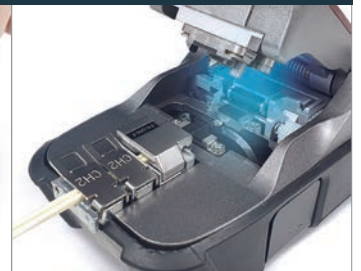
1. Locate Blade



2. Place Fiber



3. Cleave



4. Finish



OEM/ODM Service

SOLTECH offers the integrated service of product development, production and quality management



CONTACT

Olivia Kim
Jay Kim

Tel. +82-70-4628-5223
Tel. +82-70-4628-5224

e-mail. wkim@soltech.co.kr
e-mail. jaykim@soltech.co.kr

SOL Mate