

ENCLOSURE SPLICE IN-LINE 144 FIBER



1. Scope

In-Line 144 fibre splice enclosure has 4 fiber cable in-out round ports for diameter $\Phi 7$ - $\Phi 18$ mm cable entry. It is widely applied to the splicing and distributing variable optical cables. It is made of ABS plastic and with the mechanical sealing structure filled with the sealing material. It can be opened after sealing.

2. Procedures

- Open the Splice enclosure as shown (Fig 1)

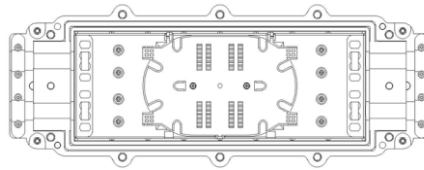


Fig 1

- Put two sides cable entry and keep enough length fiber inside (suggestion length not less than 0.5M). (Fig 2)

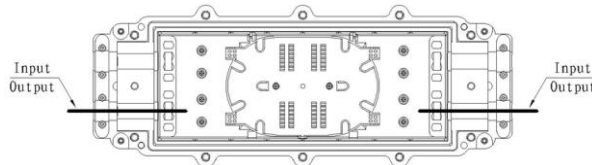
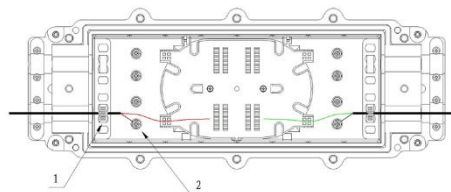


Fig 2

- Strip out the cable jacket, fix cable by cable clamp, and fix cable strengthen core by screw. (Fig 3)

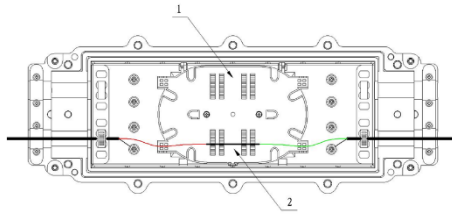


1.cable clamp 2.screw

Fig 3

- Put fibres into splice tray, splicing two side fibres together by fusion machine, protected by heat shrinkable sleeve, then put sleeves into splice tray slots. (Fig 4) (6 PCS of Splice trays has been accommodated with this splice enclosure and each splice tray can contain 24 Fiber cables).

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|---|--------------------|-------------------|--------------|--------|
| ENGINEERING RECORD NO : 649935 | SAP NO : 187000539 | Doc No: 187000539 | Doc part: AS | REV- B |
| http://www.molexces.com | | | | |



1.fiber optic splice tray 2.heat shrinkable sleeve

Fig 4

- Close the cover after splicing all fibres. Do it aerial hanged. (Fig 5)

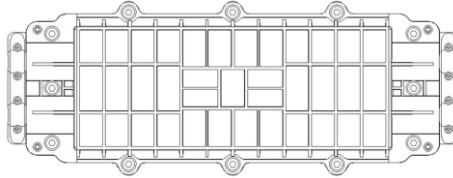


Fig 5

3. CAUTION: Molex recommends wearing safety glasses When cutting fiber optic cable.

- **WARNING:**
 1. Never look into the open fibre core side. Laser light may be present and is invisible. Serious eye damage is possible.