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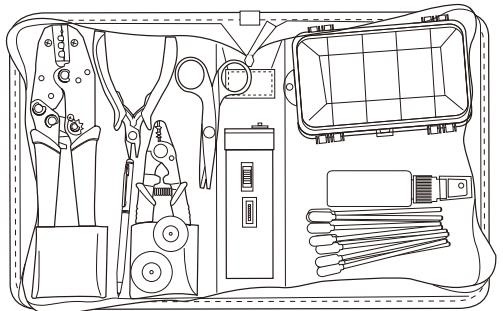
日期/Date : 2015-11-10	型號/ITEM# : 1PK-940KN	K
案名 : 彩卡設計(六色)	料號/PART# : OSHEET-940K	
案號/EF# : 6419	尺寸/Size : 460x138mm(折4折)	

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Fiber Optic Tool Kit

光纖網路工具組

1PK-940KN



user manual on line

Warning
To wearing of safety glasses to protect the eyes from accidental injury is strongly recommended when handling chemicals and cutting fiber.

Alcohol is flammable can cause irritation to eyes on contact. In case of eye contact, flush eyes with water for at least 15 minutes.

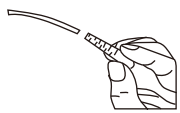
Cleaved glass fibers are very sharp and can pierce the skin easily. Use tweezers to pick up cut or broken pieces of the glass fibers and place them on a loop of tape kept for that purpose along.

Caution
Fiber optic cable is sensitive to excessive pulling, bending and crushing forces. Doing so may cause damage that can alter the transmission characteristics of the cable. The cable may have to be replaced.

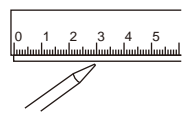
Warning
Laser lights can damage your eyes. Viewing it directly does not cause pain. Consequently, serious damage to the retina of the eye is possible. Never look into the end of a fiber that may have a laser coupled to it.

Item NO.	Description	SPEC.	Quantity
8PK-301F1	Fiber Optic Crimping Tool	0.042 inch 0.068 inch 0.133 inch 0.162 inch 0.195 inch	1
1PK-258A	Side Cutter	5"(125mm)	1
DK-2043	Fiber Optic KEVLAR Cutter	6 1/4"(160mm)	1
8PK-326	Fiber Optic Stripper	6"(150mm)	1
DK-2026N	Carbide Fiber Scribe	3.2mm (Weith)	1
9G 100N	Universal Syringe	3ml	1
103-132C	Utility Component Storage Box	165x95x45mm	1
8PK-C002	Foam Swabs Cleaning Kit		1
1FB-SC	Polish Disc	For SC Connector	1
1FB-ST	Polish Disc	For ST Connector	1
8PK-MA009	Fiber Optic Viewing Scope Kit	160 ~ 200X	1
9Z-940KP	Zipper Case	280x197x70mm	1

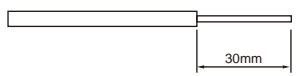
Installation :
1. Slide the 3mm boot (small end first) down the cable until it is out of the way.



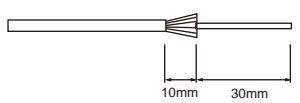
2. Mark 30mm on the end of the cable's outer jacket.



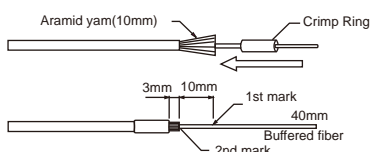
3. Use 8PK-326 maximum diameter strip off PVC jacket.



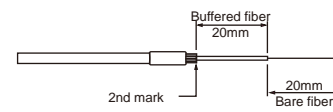
4. Use DK-2043 scissors cut off Kevlar
5. Measure and mark 10mm from the end of the outer jacket.
Use 8PK-326 strip off the 10mm section of outer jacket.



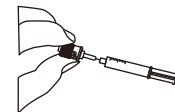
6. Fold the aramid yarn back over the cable jacket and slide the crimp ring about 3mm down the yarn to hold it out of the way.



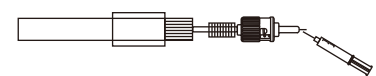
7. Remove out about 20mm of buffer with 8PK-326 before use third hole remove out bare fiber.



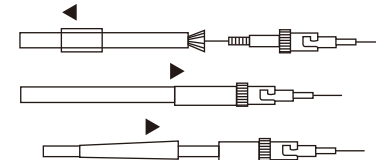
8. Use 8PK-C002 clear fiber connector and bare fiber.
9. Inject the optical fiber connector with Epoxy.



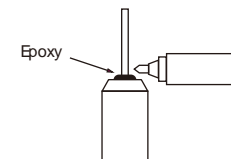
10. Be carefully inserting the bare fiber into ferrule until you feel it firmly stop. Put Epoxy on the top of fiber connector.



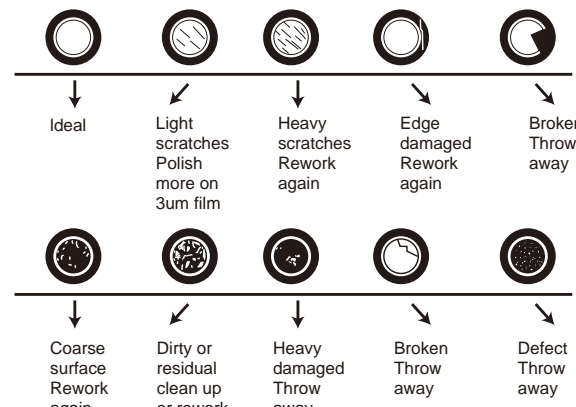
11. Hold the connector and push the crimp ring over the aramid yarn. Flare the yarn around the connector's cam then use 8PK-301F1 crimp the ring onto the connector.



12. After heating, use DK-2026N cut the bare fiber over the top of connector.



13. Insert the connector into fit polish disc (ST Connector use 1FB-ST ; SC Connector use 1FB-SC), polishing twenty times like "8" to complete your polish
14. Use 8PK-MA009 microscope and inspect the end surface



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警告 :

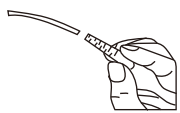
- 請務必於使用化學藥品及切割光纖時戴上安全眼鏡，光纖對眼睛非常容易造成傷害。
- 工業用酒精為易燃品，請遠離火源。如不慎碰觸到眼睛，請儘速用水清洗。
- 使用雷射光測試光纖是否導通時，請注意不要用眼睛直視，會造成視網膜嚴重傷害。
- 被切除後的光纖非常尖銳，很容易刺穿皮膚，請使用鑷子撿起光纖絲，並將它們黏在膠帶上。
- 過度拉扯、彎曲和擠壓會讓光纖電纜受損，且易改變光纖的傳輸特性，導致必須重新佈線。

型號	品名	規格	數量
8PK-301F1	光纖接頭棘輪壓鉗	0.042 inch 0.068 inch 0.133 inch 0.162 inch 0.195 inch	1
1PK-258A	雙色金鈦掌中寶斜口鉗	5"(125mm)	1
DK-2043	凱弗拉鋸齒快利剪	6 1/4"(160mm)	1
8PK-326	光纖剝線鉗	6"(150mm)	1
DK-2026N	光纖切割筆	3.2mm (Weith)	1
9G 100N	注射針筒	3ml	1
103-132C	13格雙開耐摔零件盒	165x95x45mm	1
8PK-C002	光纖接頭清潔組		1
1FB-SC	SC光纖接頭研磨盤	For SC Connector	1
1FB-ST	ST光纖接頭研磨盤	For ST Connector	1
8PK-MA009	光纖顯微檢視鏡	160 ~ 200X	1
9Z-940KP	拉鏈工具包	280x197x70mm	1

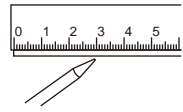
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操作步驟:

1. 將防拉保護套裝入3mm PVC外被覆



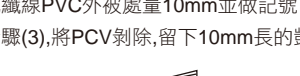
2. 自光纖線端點量30mm並做記號



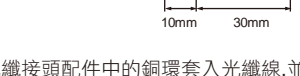
3. 用8PK-326最大孔由30mm記號處將PVC外被剝除



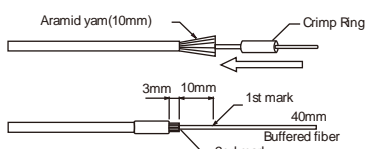
4. 用DK-2043剪切凱弗拉線



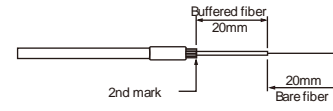
5. 自光纖線PVC外被處量10mm並做記號
如步驟(3),將PCV剝除,留下10mm長的凱弗拉線



6. 將光纖接頭配件中的銅環套入光纖線,並使10mm長的凱弗拉線反折並被銅環固定住

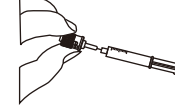


7. 自光纖線900µm被覆的端點20mm處,以8PK-326的第2孔剝除被覆,再以最小孔將線上薄膜除去

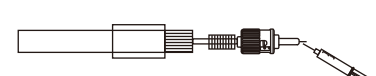


8. 用8PK-C002清潔裸光纖及光纖接頭

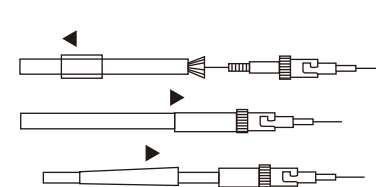
9. 用9G100N注射針筒將環氧樹脂注入光纖接頭孔內



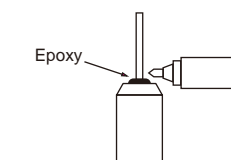
10. 將裸光纖穿入接頭內,並伸出光纖接頭端面,並在端面處點上少許環氧樹脂



11. 將銅環左移使凱弗拉線回覆原狀並覆蓋在光纖接頭上,再將銅環往右移固定於接頭上,用8PK-301F1壓著銅環及接頭



12. 當接頭烘烤完成後,使用DK-2026N將露出接頭端面的裸光纖切除



13. 將接頭插入光纖研磨盤內,並在砂紙上以"8"字型研磨20次

14. 研磨好的接頭用8PK-MA009光纖顯微檢視鏡檢查接頭狀態

