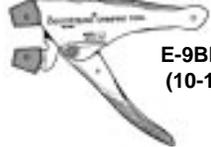
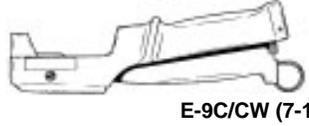


3M

Scotchlok™ Connectors and Tools

Instructions

Scotchlok™ Connector	Type Connection	Maximum Insulation O. D. in mm		Cable Type						Approved Tools <small>To reduce fatigue, use tool within each splicing group with highest mechanical advantage indicated in ().</small>
				PIC-unfilled		PIC-filled		Pulp or Paper		
				AWG	mm	AWG	mm	AWG	mm	
Butt Splicing										
 * UR2		.082	2.08	19-26	.9-.4	19-26	.9-.4	N A		 E-9BM (10-1)  E-9C/CW (7-1)  E-9E (4-1)  E-9Y (3-1)
 ** UR2-D		.082	2.08	19-26	.9-.4	19-26	.9-.4	19-26 .9-.4		
 * UY2		.082	2.08	19-26	.9-.4	19-26	.9-.4	N A		
 ** UY2-D		.082	2.08	19-26	.9-.4	19-26	.9-.4	19-26 .9-.4		
 *** UP2		.060	1.52	22-26	.7-.4	22-26	.7-.4	22-26 .7-.4		
 *** UP3		.066	1.67	19-26	.9-.4	22-26	.7-.4	19-26 .9-.4		
 * 211		.082	2.08	19-26	.9-.4	19-26	.9-.4	19-26 .9-.4		
Tap Splicing										
 * UB2A		.082	2.08	19-26	.9-.4	19-26	.9-.4	N A		 E-9BM (10-1)  E-9E (4-1)  E-9Y (3-1)
 ** UB2A-D		.082	2.08	19-26	.9-.4	19-26	.9-.4	19-26 .9-.4		
 *** UPB		.050	1.27	22-26	.7-.4	24-26 <small>Can be used on 22 (.7) foam insulated cable</small>	.5-.4	22-26 .7-.4		
In Line Splicing										
 * UDW2		.175	4.4	<small>Self-stripping drop wire connector designed to accommodate copper or copper clad steel conductors 16-19 AWG (1.3-0.9 mm) in strain relief areas. Ideal for use on Alpha Duct GT-7, Alpha TEL, F-Drop and C-Drop.</small>				E-9BM (10-1)		
Clear / Cap Only										
 * UCC		.060	1.52	22-26	.7-.4	22-26	.7-.4	N A		ALL TOOLS APPROVED FOR BUTT SPLICING MAY BE USED
 *** UPC		.060	1.52	22-26	.7-.4	22-26	.7-.4	22-26 .7-.4		

- * Filled
- ** Unfilled
- *** Unfilled - Flame Retardant
- NA Not Applicable

Note: For health and safety information for sealant in filled Scotchlok Connectors, see package label or appropriate Material Safety Data Sheet.

UR2 UR2-D UY2 UY2-D UP2 UP3 UCC UPC

Trim, straighten conductors



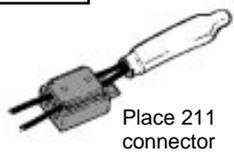
Separate, fully insert conductors



Crimp with cap side down

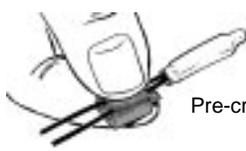


211

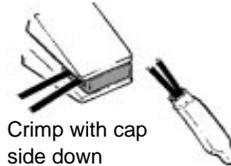


Place 211 connector

Connector to be removed



Pre-crimp



Crimp with cap side down

Test port

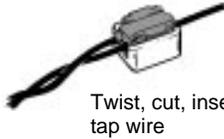
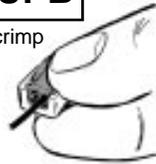


UB2A UB2A-D UPB

Place side slot on run wire

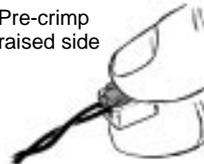


Pre-crimp

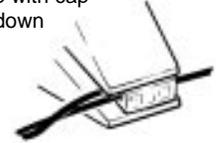


Twist, cut, insert tap wire

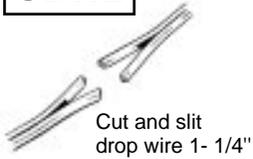
Pre-crimp raised side



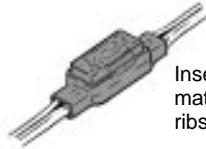
Crimp with cap side down



UDW2



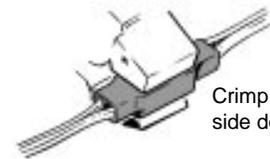
Cut and slit drop wire 1- 1/4"



Insert fully matching line or ribs of drop wire



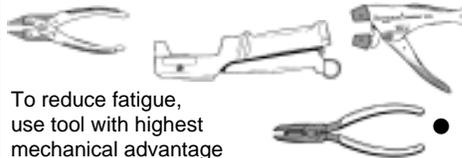
Pre-crimp



Crimp with cap side down

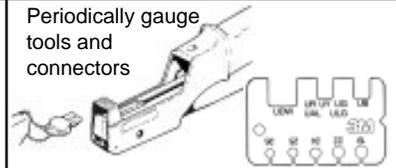
REMEMBER

On ratchet tools (E-9C, E-9CH) Squeeze handle until ratchet releases



To reduce fatigue, use tool with highest mechanical advantage

Periodically gauge tools and connectors



- E9Y tool should **not** be used when crimping three 19 AWG/ .9 mm conductors

Important Notice

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