

1000V-SINGLE CONDUCTOR-ACWU/ TECK SPLICE KIT INSTRUCTION

(FOR #1 TO 300mcm, AND 350mcm TO 1000mcm)

CABLE RANGE

	Cond Size		Over Ground	Over Phase	Over Inr. Jacket	Over Out Jacket
			Dimensions in Inches			
CS1-300-1	#1 to 300	Min		0.6	0.82	0.95
		Max		0.91	1.13	1.3
CS350-1000-1	350 to 1000	Min		1.05	1.18	1.35
		Max		1.53	1.71	1.88

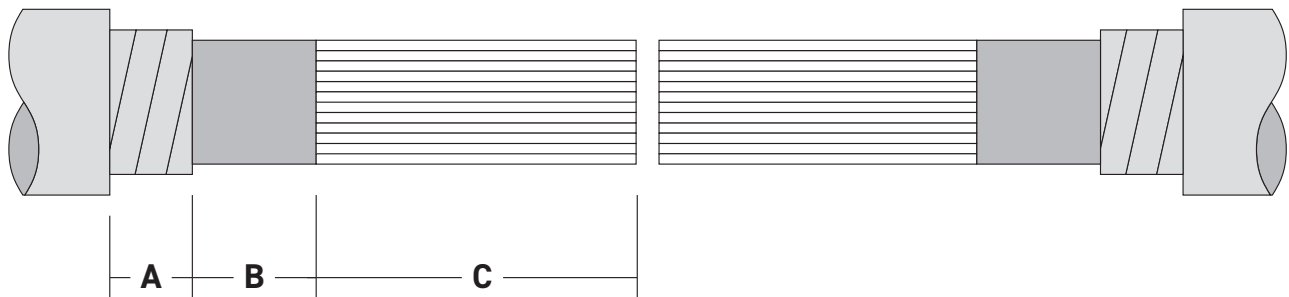
EACH KIT CONTAINS

1	Phase Wire insulating sleeve
1	Inner Jacket Insulating Sleeve
1	Outer Wraparound Jacket Insulating Sleeve
1	Stick Red Mastic
2	Spring Ground Clamps
1	Rolls Ground Braid
1	Roll of Tinned Copper Mesh

INSTRUCTIONS

- 1).
- Remove outer coverings , overlap Cable Ends ends, and cut ends square
 - Cut back insulations, etc to dimensions shown below.
 - Install tubing on Conductor.

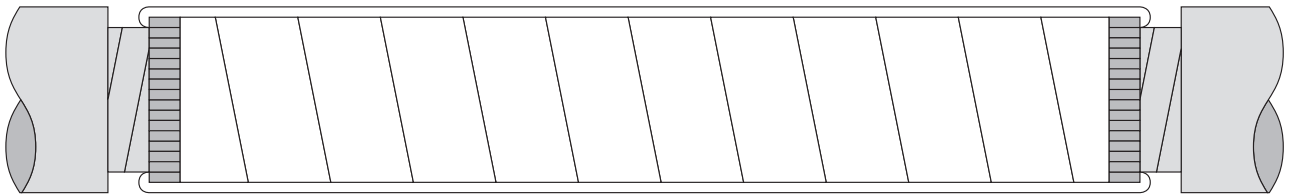
	MAX CON LENGTH	DIM 'A'	DIM 'B'	DIM 'C'	INNER JACKET	OUTER JACKET
CS -1-300	5"	1 1/2"	2"	3"	12"	18"
CS-350-1000	7"	1 1/2"	2"	3"	12"	18"



- 2). • Crimp Connector using appropriate Tool and wrap with Mastic to cover any sharp edges. Shrink down Phase Wire Insulating Sleeve over connector.
- 3). • Place the inner jacket sleeve over the splice and onto the two exposed inner jacket ends
• Shrink the sleeve down until tight



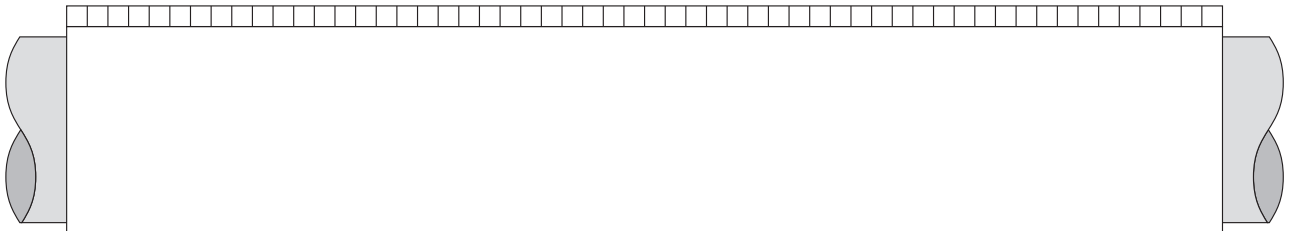
- 4). • Reconnect concentric ground wires across splice.
- 5). • Spiral wrap copper mesh, starting at one end of the armour overlapping and tightly wrapping around splice, secure to armour both ends with spring clamps.
- 6). • Unwrap spring clamp 4 wraps and place one end of ground braids facing away from splice and rewrap spring clamp twice.
• Fold back braids across splice and wrap with clamp. Continue to other end of splice and repeat process.
• Ground Braids should be on opposite sides of splice.



BRAID AND MESH

CLAMPS

- 7). • Clean conductor outer jacket on both ends.
• Centre sleeve around splice, gather both reinforcing ribs and slide on channel.
• Start shrinking in the centre opposite channel working around towards each ends.
• Continue heating around channel area until adhesive flows out of both ends
• DO NOT HEAT CHANNEL AREA WITH HIGH FLAME.



CENTRE OUTER JACKET AND SHRINK DOWN

- 8). • Splice is now complete, and when cool, can be tested before putting into service