



## IN-LINE SPLICES (HVSA-3) FOR 3/C ARMOR CABLES (5-15 kV)

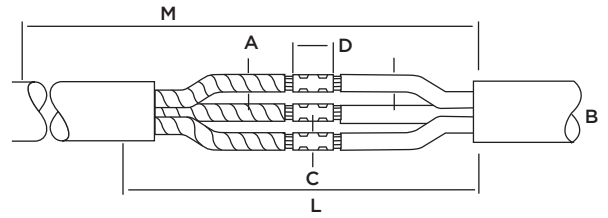
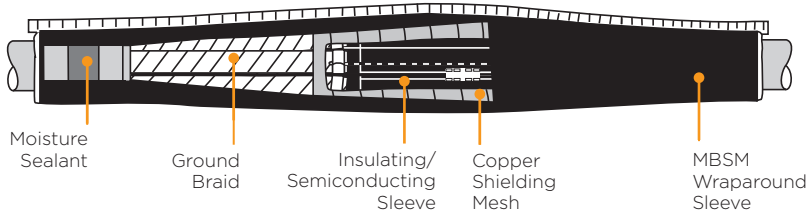
### KEY FEATURES

- Qualified to IEEE 404
- For use on copper tape, wire shield, lead sheath, and UniShield cables

TE Connectivity's (TE) Raychem three conductor cable splice kits are designed to rebuild all layers of the cable.

These kits meet the same performance criteria as our single conductor splice kits.

**Customers can count on consistent, high quality products, driven by TE's proven innovation and backed by our extraordinary customer support.**



**PRODUCT SELECTION INFORMATION: DIMENSIONS IN INCHES (mm)**

Description	Conductor Size (AWG/kcmil)*		Insulation Diameter (min - max)	Jacket O.D.		Max Connector Dimension		Kit Installed Length L	Required Installation Space M
	5 kV	8 kV		A	B	O.D. C	Length D		
HVSA-3-820S									
HVSA-3-821S	#6 - 2/0**	#6 - #2	0.35 - 0.65 (9 - 17)	0.90 (23)	0.50 (13)	3.0 (76)	48 (1219)	58 (1473)	
HVSA-3-822S	3/0 - 300**	#1 - 4/0	0.55 - 0.90 (14 - 23)	1.30 (33)	0.75 (19)	4.25 (108)	48 (1219)	58 (1473)	
HVSA-3-823S	350 - 750**	250 - 350	0.80 - 1.25 (20 - 30)	1.55 (39)	1.10 (28)	6.0 (152)	59 (1499)	69 (1753)	
HVSA-3-824S	1000 - 1500**	500 - 750	1.00 - 1.60 (25 - 41)	1.55 (39)	1.45 (37)	8.0 (203)	63 (1600)	73 (1854)	
HVSA-3-825S		750 - 1000	1.30 - 2.25 (33 - 57)	2.40 (61)	1.85 (47)	8.0 (203)	67 (1702)	77 (1956)	
HVSA-3-1520S		15 kV							
HVSA-3-1521S		#2 - 4/0	0.65 - 1.05 (17 - 27)	1.55 (39)	0.90 (23)	4.25 (108)	63 (1600)	73 (1854)	
HVSA-3-1522S		250 - 350	0.90 - 1.30 (23 - 33)	2.40 (61)	1.15 (29)	5.5 (140)	72 (1829)	82 (2082)	
HVSA-3-1523S		500 - 750	1.10 - 1.60 (28 - 41)	2.40 (61)	1.60 (41)	8.0 (203)	72 (1829)	82 (2082)	
HVSA-3-1524S		750 - 1000	1.25 - 1.80 (32 - 46)	2.40 (61)	1.85 (47)	8.0 (203)	72 (1829)	82 (2082)	

\* Note: For voltages higher than 15 kV, please consult a TE Connectivity representative.

**ORDERING INFORMATION**

1. Select the appropriate catalog number. Selections are based on the typical dimensions of 100% insulated cables and commonly used connectors, manufactured in accordance with AEIC standard Nominal insulation thickness (100%): 5 kV: 90 mils , 5/8 kV: 115 mils , 15 kV: 175 mils 25 kV: 260 mils. Nominal insulation thickness (133%): 15 kV: 220 mils
2. For cables manufactured to other specifications, confirm selection with cable and connector dimensions
3. For an off-the-shelf 3/C splice alternative, select three appropriate single-conductor kits and one HVSA MOD kit
4. Kits do not contain connectors; order compression or solder connectors separately
5. If external grounding and/or shield interrupting is required, order an HVS-EG-3 kit
6. Standard package: 1 kit/box

**TEST REPORT**

5/8 kV: EDR-5181  
15 kV: EDR-5114

[te.com/energy](http://te.com/energy)

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