

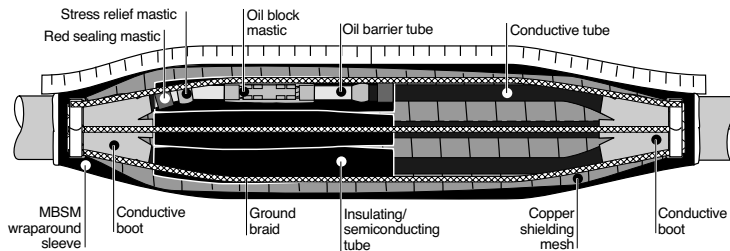
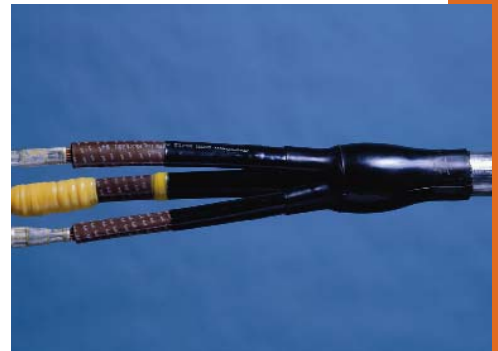
HVS-3-1590S/HVS-3-2590S

3/C In-line splices for PILC cable (15-25 kV)

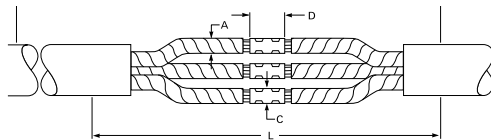
Tyco Electronics' Raychem 3/C in-line PILC splices provide a highly effective and easily installed oil stop system, using standard heat-shrinkable components. The adhesive-lined conductive breakout provides an oil- and pressure-resistant seal and grounds the conductive tubing to the lead sheath.

Oil barrier tubing locks the oil in the PILC cables, converting each conductor into the polymeric equivalent.

Tested to the electrical and load cycling requirements of IEEE 404. For use on paper-insulated, lead-covered (PILC) cable, or varnished cambric-insulated, lead covered (VCLC) cable.



Selection information: (dimensions in inches/millimeters)



Catalog number	PILC conductor size (AWG/kcmil)	PILC insulation dia. (min.-max.) A	Connector dimensions		Kit installed length L	Required installation space M
			Max. O.D. C	Max. length D		
HVS-3-1590 (15 kV)						
HVS-3-1591	#4-4/0	0.60-1.00 (15-25)	0.90 (23)	3.5 (89)	63 (1600)	67 (1702)
HVS-3-1592	250-350	0.85-1.10 (22-28)	1.15 (29)	3.5 (89)	63 (1600)	67 (1702)
HVS-3-1593	500-750	1.05-1.50 (27-38)	1.60 (41)	5.0 (127)	67 (1702)	71 (1803)
HVS-3-1594	750-1000	1.15-1.75 (29-44)	1.85 (47)	6.0 (152)	67 (1702)	71 (1803)
HVS-3-1590S "shorty" (15 kV)*						
HVS-3-1591S	#2-350	0.65-1.00 (17-25)	0.85 (22)	3.0 (76)	55 (1397)	55 (1397)
HVS-3-1592S	4/0-600	0.85-1.25 (22-32)	1.20 (30)	4.0 (102)	59 (1499)	59 (1499)
HVS-3-1593S	500-1000	1.00-1.50 (25-38)	1.50 (38)	5.0 (127)	59 (1499)	59 (1499)
HVS-3-2590E (25 kV)						
HVS-3-2591E	#1-350	0.85-1.15 (22-29)	1.15 (29)	4.0 (102)	67 (1702)	71 (1803)
HVS-3-2592E	350-750	1.10-1.50 (28-32)	1.40 (36)	5.0 (127)	67 (1702)	71 (1803)

Ordering information:

- Select the appropriate catalog number. Selections are based on the typical dimensions of 100%-insulated cables (manufactured in accordance with the data contained in AEIC 1-1968 and commonly used connectors).
Nominal insulation thickness (100%):
15 kV: 165 mils., 25 kV: 255 mils.
- For cables manufactured to other specifications, confirm selection with cable and connector dimensions.
- Kits do not contain connectors; order oil block (sweated or compression) connectors separately.
- Standard package: One 3/C kit/box.
- Related test reports:
HVS-3-1590/2590: [EDR-5143](#)
HVS-3-1590S: [EDR-5250](#)
HVS-3-2590E: [EDR-5223](#)
- HVS-3-1590S "shorty" splice kit does not allow cross phasing.

Related installation instructions:
[HVS-3-1590/2590](#)
[HVS-3-1590S](#)