

Medium Voltage In-Line Heat-Shrink Splice



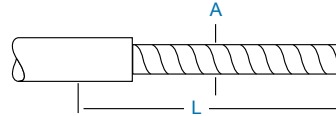
HVES

Live End Seal for 1/C PILC and Poly or 3/C PILC Cable (15-25 kV)

HVES heat-shrinkable live end seals insulate and seal the ends of polymeric and PILC cables. These kits consist of heat-shrinkable tubings and a high-dielectric strength, polymeric plug which overlap the conductor to provide excellent insulation. The outer adhesive-lined re-jacketing sleeve is designed to provide a positive environmental seal.

Once the HVES kit is installed, the cable can be re-energized. Typical applications include the live ending of spare cables for future use, isolating a failed cable length, and sectionalizing a cable circuit during system maintenance and repair, expansion, or testing.

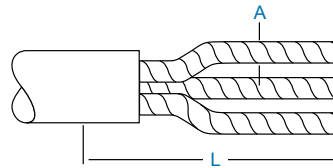
Selection Information: dimensions in inches (millimeters)



Catalog Number	PILC/Poly Conductor Size (AWG/kcmil)	Insulation Diameter (Min.-Max.)		Kit Installed Length L
		PILC A	Poly A	
HVES-1520D (1/C PILC/VCLC and 1/C Poly) 15 kV				
HVES-1521D	#4-4/0	0.60-0.90 (15-23)	0.65-1.05 (17-27)	12 (305)
HVES-1522D	250-350	0.85-1.10 (22-28)	0.90-1.30 (23-33)	12 (305)
HVES-1523D	500-750	1.05-1.30 (27-33)	1.10-1.60 (28-41)	12 (305)
HVES-1524D	750-1000	1.20-1.50 (30-38)	1.25-1.80 (32-46)	12 (305)

HVES-2520D (1/C PILC/VCLC and 1/C Poly) 25 kV

HVES-2521D	#1-250	0.85-1.25 (22-32)	0.85-1.25 (22-32)	21 (533)
HVES-2522D	350-500	1.15-1.50 (29-38)	1.15-1.50 (29-38)	23 (584)
HVES-2523D	750-1000	1.50-1.90 (38-48)	1.50-1.90 (38-48)	25 (635)



Catalog Number	PILC Conductor Size (Min.-Max.)	Insulation Diameter (Min.-Max.)		Kit Installed Length L
		PILC A	PILC A	
HVES-3-1590 (3/C PILC/VCLC) 15 kV				
HVES-3-1591	#4-4/0	0.60-1.00 (15-25)		27 (686)
HVES-3-1592	250-350	0.85-1.10 (22-28)		27 (686)
HVES-3-1593	500-750	1.05-1.50 (27-38)		27 (686)
HVES-3-1594	750-1000	1.15-1.75 (29-44)		27 (686)
HVES-3-2590E (3/C PILC/VCLC) 25 kV				
HVES-3-2591E	#1-250	0.85-1.20 (22-30)		28 (711)
HVES-3-2592E	350-500	1.15-1.40 (28-36)		31 (787)
HVES-3-2593E	750-1000	1.50-1.70 (38-43)		32 (813)

Ordering Information

- Select the appropriate catalog number. All selections are based on the typical dimensions of 100% insulated and 133% insulated poly cables manufactured in accordance with AEIC standard. Nominal insulation thickness (100%): 15 kV: 165 mils (PILC/VCLC), 175 mils (poly). 25 kV: 225 mils (PILC/VCLC), 260 mils (poly). Nominal insulation thickness (133%): 15 kV: 220 mils (poly).
- For cables manufactured to other specifications, confirm selection with cable dimensions.
- Standard package:
HVES-1520D,-2520D = One kit/box
HVES-3-1590,-2590E = One 3/C kit/box
- Related test reports:
15 kV: [EDR-5146](#)
25 kV: [EDR-5273](#)