

Medium Voltage In-Line Heat-Shrink Splice



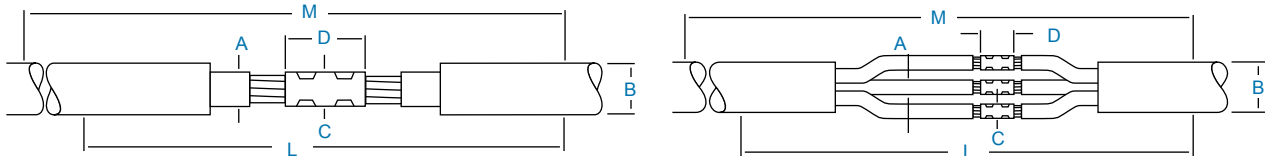
HVS-500/HVSA-500

Splices for 1/C and 3/C Inline Cable, Including Armored (5 kV Non-Shielded)

- Non-shielded cable splices provide high abrasion-resistance and a positive environmental seal
- Kits accommodate both jacketed and unjacketed cable
- Rated to meet the applicable portions of IEEE 404

Selection Information: dimensions in inches (millimeters)

HVS-500



Catalog Number	Conductor Size (AWG/kcmil)	Insulation Diameter (Min.-Max.)	Jacket O.D. (Max.)	Maximum Connector Dimensions		Kit Installed Length	Required Installation Space
		A	B	C	D		
1/C Non-Shielded Power Cable							
HVS-501	#6-#1	0.40-0.70 (10-18)	0.80 (20)	0.65 (17)	3.0 (76)	10 (254)	22 (559)
HVS-502	1/0-300	0.65-1.05 (17-27)	1.20 (30)	1.00 (25)	4.0 (102)	11 (279)	24 (610)
HVS-503	350-1000	0.95-1.65 (24-42)	1.84 (47)	1.85 (47)	6.0 (152)	15 (381)	30 (762)
HVS-3-500 3/C Non-Shielded Power Cable - No Armor							
HVS-3-501	#6-#1	0.40-0.70 (10-18)	3.00 (76)	0.65 (17)	3.0 (76)	32 (812)	40 (1016)
HVS-3-502	1/0-300	0.65-1.05 (17-27)	3.00 (76)	1.00 (25)	4.0 (102)	40 (1016)	48 (1219)
HVS-3-503	350-1000	0.95-1.65 (24-42)	3.95 (100)	1.85 (47)	6.0 (152)	48 (1219)	56 (1422)
HVSA-3-500 3/C Non-Shielded Power Cable - Armor							
HVSA-3-501	#6-#1	0.40-0.70 (10-18)	3.00 (76)	0.65 (17)	3.0 (76)	40 (1016)	48 (1219)
HVSA-3-502	1/0-300	0.65-1.05 (17-27)	3.00 (76)	1.00 (25)	4.0 (102)	40 (1016)	48 (1219)
HVSA-3-503	350-1000	0.95-1.65 (24-42)	3.95 (100)	1.85 (47)	6.0 (152)	52 (1321)	60 (1524)

Ordering Information

1. Select the appropriate catalog number. Selections are based on 100%-insulated cables, manufactured in accordance with ICEA S-66-524 standard and commonly used connectors. Nominal insulation thickness (100%): 110 mils.
2. For cables manufactured to other specifications, confirm selection with cable and connector dimensions.
3. HVS-SHIM kits are available if the diameter of one of your cables is not within the standard range.
4. Kits do not contain connectors; order compression or solder connectors separately.
5. Standard package: HVS-500: Three 1/C kits/box, HVS-3-500: One 3/C kit/box, HVSA-3-500: One 3/C kit/box
6. For an off-the-shelf 3/C splice alternative, select three appropriate 5 kV single-conductor kits from above and one HVS-3/C accessory kit (unarmored) or one HVSA accessory kit (armored cables).
7. Related test reports: [EDR-5096](#).
8. Verify insulation diameter since 5 kV non-shielded and teck cable diameters are NOT STANDARD.