

Medium Voltage In-Line Heat-Shrink Splice



HVSA Mod Kits For Rearmoring and Rejacketing 3/C Armored Cable (5-35 kV)

HVSA mod kits are off-the-shelf alternatives for rejacketing 3/C armored cable splices.

An alternative 3/C armored splicing system that incorporates three 1/C splices, a wraparound interlocking steel armoring case, and a wraparound sealing sleeve.

Select appropriate 1/C splice kits plus the applicable HVSA kit from the table below.

Selection Information: dimensions in inches (millimeters)

3/C Splice Using Three of 1/C Splices	Order This HVSA Armoring Kit	Splice Reference Dimensions		Kit Installed Length	Required Installation Space
		Conductor Size Range (AWG/kcmil)	Insulation Diameter		
HVS-501	HVSA-1	#6-#1	0.40-0.70 (10-18)	48 (1219)	56 (1422)
HVS-502	HVSA-1	1/0-300	0.65-1.05 (17-27)	48 (1219)	56 (1422)
HVS-503	HVSA-2	350-1000	0.95-1.65 (24-42)	55 (1397)	63 (1600)
HVS-821S	(5 kV) HVSA-1	#6-2/0	0.35-0.65 (9-17)	48 (1219)	56 (1422)
	(5/8 kV) HVSA-1	#6-#2	0.35-0.65 (9-17)	48 (1219)	56 (1422)
HVS-822S	(5 kV) HVSA-2	3/0-300	0.55-0.90 (14-23)	55 (1397)	63 (1600)
	(5/8 kV) HVSA-2	#1-4/0	0.55-0.90 (14-23)	55 (1397)	63 (1600)
HVS-823S	(5 kV) HVSA-2	350-750	0.80-1.25 (20-32)	55 (1397)	63 (1600)
	(5/8 kV) HVSA-2	250-350	0.80-1.25 (20-32)	55 (1397)	63 (1600)
HVS-824S	(5 kV) HVSA-3	1000-1500	1.00-1.60 (25-41)	72 (1829)	80 (2032)
	(5/8 kV) HVSA-3	500-750	1.00-1.60 (25-41)	72 (1829)	80 (2032)
HVS-825S	(5/8 kV) HVSA-3	750-1000	1.30-2.25 (33-57)	72 (1829)	80 (2032)
HVS-1521S	HVSA-3	#2-4/0	0.65-1.05 (17-27)	72 (1829)	80 (2032)
HVS-1522S	HVSA-3	250-350	0.90-1.30 (23-33)	72 (1829)	80 (2032)
HVS-1523S	HVSA-3	500-750	1.10-1.60 (28-41)	72 (1829)	80 (2032)
HVS-1524S	HVSA-3	750-1000	1.25-1.80 (32-46)	72 (1829)	80 (2032)
HVS-2521S	HVSA-3	#1-250	0.90-1.20 (23-30)	72 (1829)	80 (2032)
HVS-2522S	HVSA-3	350-500	1.20-1.50 (30-38)	72 (1829)	80 (2032)
HVS-2523S	HVSA-4	750-1000	1.50-1.80 (38-46)	81 (2057)	89 (2261)
HVS-3521S	HVSA-3	1/0-3/0	0.95-1.35 (24-34)	72 (1829)	80 (2032)
HVS-3522S	HVSA-4	4/0-600	1.20-1.70 (30-43)	81 (2057)	89 (2261)
HVS-3523S	HVSA-4	600-1000	1.55-2.15 (39-55)	81 (2057)	89 (2261)

Ordering Information

- Select the appropriate HVSA armoring kit based on the three 1/C kits used for the application (see table above). One HVSA kit will armor a 3/C splice. You will find 1/C splice kits.
HVS-500 (5 kV Non-Shielded)
HVS-820S (5 kV-0.90", 5/8-0.115")
HVS-1520S (15 kV)
HVS-2520S (25 kV)
HVS-3520S (35 kV)
- Kits do not contain connectors.
- Nominal conductor size range for the 1/C splice kits is based on the typical dimensions of 100% and 133% insulated cables and dimensions of commonly used connectors manufactured in accordance with AEIC standard.
- Minimum 3/C cable jacket O.D.
HVSA-1 1.30" (33 mm)
HVSA-2 1.80" (46 mm)
HVSA-3 2.15" (55 mm)
HVSA-4 2.15" (55 mm)
- Standard package: 1 kit/box.