



IN-LINE SPLICE (HVS 1/C) FOR 1/C SHIELDED CABLE (5 - 35 kV)

KEY FEATURES

- Kits contain a solderless grounding kit, consisting of a ground clamp, a ground braid, and shielding mesh
- Heat-shrink feature allows the kits to accommodate out-of-round, out-of-spec cable.

TE Connectivity's (TE) Raychem heat-shrinkable shielded power cable splices are pre-engineered to offer a compact, low-profile installation with a minimum diameter buildup.

Qualified to IEEE 404. For use on copper tape, wire shield, lead sheath, and UniShield cables. Some kits contain tube for outer layer.

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.)	Maximum Connector Dimensions		Kit Installed Length	Required Installation Space
HVS 820S Series	5 kV	5/8 kV			OD	Length		
HVS-821S	#6 - 2/0	#6 - #2	0.35 - 0.65 (9 - 17)	0.80 (20)	0.50 (13)	3 (76)	24 (610)	44 (1118)
HVS-822S	3/0 - 300	#1 - 4/0	0.55 - 0.90 (14 - 23)	1.15 (29)	0.75 (19)	4.25 (108)	24 (610)	45 (1143)
HVS-823S	350 - 750	250 - 350	0.55 - 0.90 (14 - 23)	1.80 (46)	1.10 (28)	6 (152)	27 (686)	50 (1270)
HVS-824S	1000 - 1500	500 - 750	1.00 - 1.60 (25 - 41)	2.30 (58)	1.45 (37)	8 (203)	30 (762)	56 (1422)
HVS-825S	-	750 - 1000	1.30 - 2.25 (33 - 57)	2.45 (62)	1.85 (47)	8 (203)	30 (762)	56 (1422)
HVS 1520S Series	15 kV							
HVS-1521S	-	2/4/00	0.65 - 1.05 (17 - 27)	1.25 (32)	0.90 (23)	4.25 (108)	27 (686)	54 (1372)
HVS-1522S	-	250 - 350	0.90 - 1.30 (23 - 33)	1.50 (38)	1.20 (30)	5.5 (140)	28 (711)	56 (1422)
HVS-1523S	-	500 - 750	1.10 - 1.60 (28 - 41)	1.85 (47)	1.60 (41)	8 (203)	30 (762)	59 (1499)
HVS-1524S	-	750 - 1000	1.25 - 1.80 (32 - 46)	2.10 (53)	1.85 (47)	8 (203)	34 (864)	67 (1702)
HVS-1525S	-	1250 - 2000	1.60 - 2.50 (41 - 64)	2.80 (71)	2.40 (61)	8 (203)	40 (1016)	74 (1880)
HVS 1520S-W (15 kV) with Wraparound Rejacketing Sleeve	15 kV							
HVS-1521S-W	-	#2 - 4/0	0.65 - 1.05 (17 - 27)	1.25 (32)	0.90 (23)	4.25 (108)	28 (711)	39 (990)
HVS-1522S-W	-	250 - 350	0.90 - 1.30 (23 - 33)	1.50 (38)	1.20 (30)	5.5 (140)	28 (711)	40 (1016)
HVS-1523S-W	-	500 - 750	1.10 - 1.60 (28 - 41)	1.85 (47)	1.60 (41)	8 (203)	30 (762)	45 (1143)
HVS-1524S-W	-	750 - 1000	1.25 - 1.80 (32 - 46)	2.10 (53)	1.85 (47)	8 (203)	34 (864)	49 (1244)
HVS-1525S-W	-	1250 - 2000	1.60 - 2.50 (41 - 64)	2.80 (71)	2.40 (61)	11 (279)	40 (1016)	54 (1371)
HVS 2520 S (25 kV)	15 kV							
HVS-2521S	-	#1 - 250	0.90 - 1.20 (23 - 31)	1.50 (38)	1.10 (28)	4.00 (102)	40 (1016)	56 (1422)
HVS-2522S	-	350 - 500	1.20 - 1.50 (31 - 38)	1.95 (50)	1.35 (34)	6.0 (152)	40 (1016)	60 (1524)
HVS-2523S	-	750 - 1000	1.50 - 1.80 (38 - 46)	2.40 (61)	1.85 (47)	8 (203)	40 (1016)	62 (1575)
HVS-T-1580 (15 kV)								
HVS-3521S	-	1/0 - 3/0	0.95 - 1.35 (24 - 34)	1.55 (39)	1.20 (30)	4.00 (102)	40 (1016)	53 (1346)
HVS-3522S	-	4/0 - 600	1.20 - 1.70 (31 - 43)	2.10 (53)	1.50 (38)	6.0 (152)	44 (1118)	40 (1016)
HVS-3523S	-	600 - 1000	1.55 - 2.15 (39 - 55)	2.80 (71)	1.85 (47)	10 (254)	44 (1118)	45 (1143)

*All selections are based on the typical dimensions of 100% insulated cables, manufactured in accordance with AIEC standard Nominal insulation thickness (100%): 5 kV: 90 mils , 5/8 kV: 115 mils , 15 kV: 175 mils , 25 kV: 260 mils , 35 kV: 345 mils.

If you have any questions, contact your TE Connectivity sales engineer or representative.

For cables manufactured to other specifications, confirm selection with cable and connector dimensions.

HVS-SHM kits are available if the diameter of one of your cables is not within the standard range.

Kits do not contain connectors; order compression or solder connectors separately.

If external grounding is required, order an HVS-EG kit Standard package: 1 kit/box

TEST REPORT

HVS 5-8 kV: EDR-5181
HVS 15 kV: EDR-5114
HVS 25 kV: EDR-5150
HVS 25-35 kV: EDR-5197
HVS-1520S-W: EDR-5225e

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