



WYE TAP SPLICE (HVSY) FOR 1/C POLY-POLY, PILC-PILC, AND PILC-POLY CABLE (15 KV)

KEY FEATURES

- Internal moisture seals provide a redundant seal against water intrusion
- Splices accept a wide range of main and tap cable sizes
- Qualified to IEEE 404
- Compact shape simplifies cable training

TE Connectivity's (TE) Raychem HVSY-1520S series tap splices are for use on copper tape, wire shield, lead sheath, and UniShield cables.

HVSY-1580D series is for use as a wye splice where the main and/or tap cables may be paper-insulated, lead-covered (PILC) cable; varnished cambric-insulated, or lead-covered (VCLC) cable.

TE's HVSY series is designed to seal against moisture ingress by including a branch clip and the heavy-duty MBSM wraparound sleeve

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 | POLY Conductor Size (AWG/kcmil) | | Insulation Diameter (min. - max.) | | Connector Length (max) | Kit Installed Length | Required Installation Space | Burndy Connector |
| | Main | Tap | Main | Tap | | | | |
| HVSY-1520S (15 kV Polymeric Wye, for use with Soldered Connectors) | | | | | | | | |
| HVSY-1522S | #2 - 4/0 | #2 - 4/0 | 0.65 - 1.05 (17 - 27) | 0.65 - 1.05 (17 - 27) | 3.0 (75) | 30 (750) | 45 (1125) | |
| HVSY-1523S | 250 - 750 | #2 - 750 | 0.95 - 1.45 (24 - 37) | 0.65 - 1.45 (17 - 37) | 3.5 (90) | 30 (750) | 45 (1125) | |
| HVSY-1520S (15 kV Polymeric Wye, for use with Burndy YSH Crimp Connectors for Copper Conductors only) | | | | | | | | |
| HVSY-1522S | #2 - 4/0 | #2 - 4/0 | 0.65 - 1.05 (17 - 27) | 0.65 - 1.05 (17 - 27) | 3.0 (75) | 30 (750) | 45 (1125) | YSH-2929 |
| HVSY-1523S | 250 - 500 | 4/0 - 500 | 0.85 - 1.25 (22 - 32) | 0.85 - 1.25 (22 - 32) | 3.5 (90) | 30 (750) | 45 (1125) | YSH-3434 |
| HVSY-1523S | 500 - 750 | 350 - 750 | 1.10 - 1.45 (28 - 37) | 1.00 - 1.45 (25 - 37) | 3.5 (90) | 30 (750) | 45 (1125) | YSH-3939 |
| HVSY-1580D (15 kV PILC and PILC-Poly Wye) | | | | | | | | |
| HVSY-1582D | #2 - 4/0 | #2 - 4/0 | 0.65 - 1.05 (17 - 27) | 0.65 - 1.05 (17 - 27) | 1.20 (30) | 3.0 (75) | 30 (750) | 45 (1125) |
| HVSY-1583D | 250 - 750 | #2 - 750 | 0.95 - 1.45 (24 - 37) | 0.65 - 1.45 (17 - 37) | 1.50 (38) | 3.5 (90) | 30 (750) | 45 (1125) |

* All selections are based on the typical dimensions of 100% and 133% insulated cables and dimensions of commonly used connectors manufactured in accordance with AEIC. Kits do not contain connectors. For connector information contact your local TE sales representative for information. For HVSY-1520S kits with copper conductors only, H-tap compressed connectors, available from Burndy (800-346-4175), may be used in place of the half-duplex connector. For 15 kV H-configuration connections on 1/C shielded power cable, order the HVSH-1520 mod kit for use in conjunction with appropriate HVSY-1520S kit.

ORDERING INFORMATION

1. Select the appropriate catalog number. All selections are based on the typical dimensions of 100% and 133% insulated cables and dimensions of commonly used connectors manufactured in accordance with AEIC standard. Nominal Insulation thickness (100%): 165 mils (PILC/VCLC) 175 mils (poly). Nominal thickness (133%): 220 mils (poly).
2. For cables manufactured to other specifications, confirm selection with cable and connector dimensions.
3. Kits do not contain connectors. For connector information, contact your local TE sales representative. For HVSY-1520S kits with copper conductors only, H-tap, compressed connectors, available from Burndy (800-346-4175), may be in place of the half-duplex connector.
4. Check poly cable insulation diameter to help ensure a proper fit.
5. For 15 kV H-configuration connections on 1/C shielded power cable, order the HVSH-1520 mod kit for use in conjunction with appropriate HVSY-1520S kit.
6. Standard package: 1 kit/box.

TEST REPORT

HVSY-1520S: EDR-5236, EDR-5256
 HVSY-1580D: EDR-5235

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