

LOOP HYSPLICE

Type YCS-R

For ACSR



Loop Hysplices for ACSR are made of EC or 2S aluminum tubing and are supplied factory-filled with Penetrox. A staked-in aluminum disc provides cable stop and also forms an inner barrier, which assists in forcing Penetrox in and around cable strands during insertion. For best oxide penetration, coat contact areas of conductor with Penetrox and

rub into surface of conductor with wire brush or abrasive cloth prior to insertion into the Hysplice barrel. Installation dies are identical to those used for Full-Tension Hysplices for ACSR. Connector designed to withstand the tensile and vibration stresses to which jumper loop splices are subject. For details on Penetrox or Peneseal, see page 88.

| CONDUCTOR | | CATALOG NUMBER | Length Approx. (in Inches) | Approx. Ship. Wt. in Lbs. per 100 | Index Number on Dies and Connectors | Installation Tools & Dies | | | | |
|-------------|-------------------|----------------|----------------------------|-----------------------------------|-------------------------------------|---------------------------|------------------------|----------------------|-----------------------|------------------------|
| Size | Str. | | | | | Y34A Hypress Die Sets | Y33RK Hypress Die Sets | Y35 Hypress Die Sets | Y48B Hypress Die Sets | Y48RB Hypress Die Sets |
| #4 | 6-1, 7-1 | YCS4R | 4 1/2 | 6 | 237 | A4RYF | K4RYFT | U4RYFT | --- | --- |
| #2 | 6-1, 7-1 | YCS2R | 4 1/2 | 7 | 239 | A2RYF | K2RYFT | U2RYFT | --- | --- |
| #1 | 6-1 | YCS1R | 5 1/4 | 10 | 241 | A1RYF | K1RYFT | U1RYFT | --- | --- |
| 1/0 | 6-1 | YCS25R | 5 1/4 | 13 | 243 | A25RYF | K25RYFT | U25RYFT | C243 | --- |
| 2/0 | 6-1 | YCS26R | 5 1/4 | 15 | 245 | A26RYF | K26RYFT | U26RYFT | C245 | --- |
| 3/0 | 6-1 | YCS27R | 5 1/4 | 20 | 247 | A27RYF | K27RYFT | U27RYFT | C247 | --- |
| 4/0 | 6-1 | YCS28R | 5 1/4 | 24 | 249 | A28RYF | K28RYFT | U28RYFT | C249 | --- |
| 266.8 Mcm. | 6-7, 18-1, 26-7 | YCS30R | 6 1/2 | 30 | 251 | A30RYF | K30RYFT | U30RYFT | C251 | --- |
| 366.4 Mcm. | 18-1 | YCS321R | 6 1/2 | 42 | 547 | A321RYF | K321RYFT | U321RYFT | C490 | F321RYF |
| 366.4 Mcm. | 26-7, 30-7 | YCS33RG1 | 5 1/4 | 33 | 193 | A33RYD | K33RYDT | U33RYDT | C193 | F33RYD |
| 366.4 Mcm. | 26-7, 30-7 | YCS33R | 8 1/4 | 45 | 316 | --- | --- | U33RYFT | C316 | F33RYF |
| 397.5 Mcm. | 26-7, 30-7, 18-1 | YCS35R | 8 1/4 | 56 | 317 | --- | --- | U35RYFT | C317 | F35RYF |
| 477 Mcm. | 18-1 | YCS361R | 8 1/4 | 67 | 327 | --- | --- | U361RYFT | C327 | F361RYF |
| 477 Mcm. | 26-7, 30-7 | YCS37R | 8 1/4 | 64 | 261 | --- | --- | U261 | C261 | F37RYF |
| 556.5 Mcm. | 24-7, 26-7 | YCS39R | 10 1/4 | 220 | 608 | --- | --- | U39RYFT | C608 | F39RYF |
| 605 Mcm. | 26-7 | YCS421R | 10 1/4 | 225 | 292 | --- | --- | --- | C292 | F412RYF-1 |
| 605 Mcm. | 30-19 | YCS43R* | 10 1/4 | 168 | 292, 319 | --- | --- | --- | C292 or C319 | F412RYF-1 |
| 605 Mcm. | 24-7, 54-7 | YCS41R* | 10 1/4 | 220 | 292 | --- | --- | --- | C292 | F412RYF-1 |
| 636 Mcm. | 36-1 | YCS421R* | 10 1/4 | 225 | 292 | --- | --- | --- | C292 | F412RYF-1 |
| 636 Mcm. | 24-7, 26-7, 30-19 | YCS43R* | 10 1/4 | 168 | 292, 319 | --- | --- | --- | C292 or C319 | F412RYF-1 |
| 666.6 Mcm. | 24-7, 54-7 | YCS43R* | 10 1/4 | 168 | 292, 319 | --- | --- | --- | C292 or C319 | F412RYF-1 |
| 715.5 Mcm. | 26-7 | YCS453R* | 10 1/4 | 247 | 578 | --- | --- | --- | C292 | F412RYF-1 |
| 715.5 Mcm. | 54-7 | YCS44R* | 10 1/4 | 220 | 319 | --- | --- | --- | C319 | F43RYF |
| 795 Mcm. | 36-1 | YCS453R* | 10 1/4 | 247 | 578 | --- | --- | --- | C292 | F412RYF-1 |
| 795 Mcm. | 26-7, 54-7 | YCS45R* | 10 1/4 | 184 | 352 | --- | --- | --- | C352 | F45RYF |
| 1033.5 MCM | 45-7 | YCS48R* | 12 5/16 | 280 | 575 | --- | --- | --- | C575 | F48RYF |
| 900 Mcm. | 54-7 | YCS48R* | 12 5/16 | 280 | 578 | --- | --- | --- | C575 | F48RYF |
| 954 Mcm. | 54-7 | YCS48R* | 12 5/16 | 280 | 575 | --- | --- | --- | C575 | F48RYF |
| 1033.5 Mcm. | 54-7 | YCS49R* | 12 5/16 | 276 | 422 | --- | --- | --- | C575 | F49RYF |

For ACSR "Static" Wires

| | | | | | | | | | | |
|------------|------|---------|-------|----|-----|--------|---------|---------|------|--------|
| 80 Mcm. | 8-1 | YCS011R | 5 1/4 | 13 | 245 | A26RYF | K26RYFT | U26RYFT | C245 | F26RYF |
| 101.8 Mcm. | 12-7 | YCS251R | 8 3/8 | 47 | 316 | A33RYF | K33RYFT | U33RYFT | C316 | F33RYF |
| 110.8 Mcm. | 12-7 | YCS27R | 5 1/4 | 14 | 247 | A27RYF | K27RYFT | U27RYFT | C247 | F27RYF |
| 134.6 Mcm. | 12-7 | YCS261R | 8 3/8 | 47 | 316 | A33RYF | K33RYFT | U33RYFT | C316 | F33RYF |
| 159 Mcm. | 12-7 | YCS271R | 8 3/8 | 59 | 317 | A35RYF | K35RYFT | U35RYFT | C317 | F35RYF |
| 211.3 Mcm. | 12-7 | YCS284R | 8 3/4 | 36 | 317 | A35RYF | K35RYFT | U35RYFT | C317 | F35RYF |

* These Hysplices have flat sides in order to assure corona-free performance.

YCS30R ALSO ACCOMMODATES 266.8 MCM 7.19 STR. ALUM. CABLE.

LOOP HYSPLICE TYPES ACCOMMODATED BY HAND-OPERATED HYTOOLS

| CONDUCTOR | | CATALOG NUMBER | Tool Index No. (On Hytool Grooves and Splices) | HYTOOLS | | MD4 HYTOOL DIE INSERT |
|-----------|----------|----------------|--|----------|--------------|-----------------------|
| Size | Str. | | | Aluminum | MD2 Type | |
| #4 | 6-1, 7-1 | YCS4R | 237 | MD2-10 | MD5-1 | W3T |
| #2 | 6-1, 7-1 | YCS2R | 239 | MD2-10 | MD5-1 | W3T, W8T |
| 1/0 | 6-1 | YCS25R | 243 | --- | MD5-4, MD5-7 | W4CW5TW8T |
| 2/0 | 6-1 | YCS26R | 245 | --- | MD5-7 | W5T |

REV 122F PRINT 20080 J.M.H.C. SCALE
 5 BASED REV REF POINT (E.C. 122F) J.M.H.C.
 4 122F HYTOOL ADDED TO INDEX #608 (E.C. 122F) J.M.H.C.
 3 122F HYTOOL ADDED TO INDEX #608 (E.C. 122F) J.M.H.C.
 2 27A NOTE ADDED (E.C. 122F) J.M.H.C.
 1 122F 1033.5 MCM 45-7 ADDED (E.C. 1033) J.M.H.C.

LOOP HYSPLICE
 CAT. NO. YCS-R (TABLE)
 DRAWN: P. HERRICK 12-18-57 CHECKED: S.P.S. 12-19-57
 BURNDY
 SA390736