

| DRAWING NO.<br>SD007774 | COPPER CONDUCTOR  |   | FIG. NO. | COLOR CODE | DIMENSIONS   |               |              |
|-------------------------|-------------------|---|----------|------------|--------------|---------------|--------------|
|                         | NAVY <sup>3</sup> | COMMERCIAL                                  |          |            | B MIN.       | L             | O.D.         |
| YS8C                    | 23                | #8 AWG STR/SOL<br>#8 AWG FLEX<br>#6 AWG SOL | 1        | RED        | .78<br>[20]  | 1.75<br>[44]  | .27<br>[7]   |
| YS6C <sup>8</sup>       | -----             | #6 AWG STR/SOL                              | 1        | BLUE       | 1.09<br>[28] | 2.38<br>[60]  | .29<br>[7]   |
| YS5C                    | 30                | #5 AWG                                      | 1        | BLUE       | 1.09<br>[28] | 2.55<br>[65]  | .30<br>[8]   |
| YS4C                    | 40                | #4 AWG                                      | 1        | GRAY       | 1.09<br>[28] | 2.55<br>[65]  | .34<br>[9]   |
| YS3C                    | 50                | #3 AWG                                      | 1        | WHITE      | 1.22<br>[31] | 2.80<br>[71]  | .38<br>[10]  |
| YS2C                    | 60                | #2 AWG                                      | 1        | BROWN      | 1.22<br>[31] | 2.82<br>[71]  | .42<br>[11]  |
| YS1C                    | 75                | #1 AWG                                      | 1        | GREEN      | 1.34<br>[34] | 3.07<br>[78]  | .46<br>[12]  |
| YS25                    | 100               | 1/0 AWG                                     | 1        | PINK       | 1.34<br>[34] | 3.08<br>[78]  | .51<br>[13]  |
| YS26                    | 125               | 2/0 AWG                                     | 1        | BLACK      | 1.45<br>[37] | 3.30<br>[84]  | .56<br>[14]  |
| YS27                    | 150               | 3/0 AWG                                     | 1        | ORANGE     | 1.45<br>[37] | 3.30<br>[84]  | .62<br>[16]  |
| YS28                    | 200               | 4/0 AWG                                     | 1        | PURPLE     | 1.58<br>[40] | 3.57<br>[91]  | .69<br>[18]  |
| YS29                    | 250               | 250 kcmil                                   | 1        | YELLOW     | 1.58<br>[40] | 3.58<br>[91]  | .75<br>[19]  |
| YS30                    | 300               | 300 kcmil                                   | 2        | WHITE      | 1.95<br>[50] | 4.34<br>[110] | .81<br>[21]  |
| YS31                    | 350               | 350 kcmil                                   | 2        | RED        | 1.95<br>[50] | 4.35<br>[110] | .88<br>[22]  |
| YS32                    | 400               | 400 kcmil                                   | 2        | BLUE       | 2.08<br>[53] | 4.62<br>[117] | .95<br>[24]  |
| YS33                    | -----             | 450 kcmil                                   | 2        | GRAY       | 2.08<br>[53] | 4.63<br>[118] | 1.01<br>[26] |
| YS34                    | -----             | 500 kcmil                                   | 2        | BROWN      | 2.20<br>[56] | 4.91<br>[125] | 1.06<br>[27] |
| YS35                    | 500               | 550 kcmil                                   | 2        | YELLOW     | 2.56<br>[65] | 5.71<br>[145] | 1.13<br>[29] |
| YS36<br>YS36UNPL        | -----             | 600 kcmil                                   | 2        | GREEN      | 2.63<br>[67] | 5.85<br>[149] | 1.18<br>[30] |
| YS37                    | 650               | 650 kcmil                                   | 2        | ORANGE     | 2.75<br>[70] | 6.10<br>[156] | 1.23<br>[31] |
| YS38                    | -----             | 700 kcmil                                   | 2        | PINK       | 2.75<br>[70] | 6.24<br>[158] | 1.25<br>[32] |
| YS39<br>YS39UNPL        | -----             | 750 kcmil                                   | 2        | BLACK      | 2.81<br>[71] | 6.38<br>[162] | 1.30<br>[33] |
| YS40                    | -----             | 800 kcmil                                   | 2        | ORANGE     | 2.88<br>[73] | 6.39<br>[162] | 1.35<br>[34] |
| YS41                    | 800               | 850 kcmil                                   | 2        | GOLD       | 2.88<br>[73] | 6.53<br>[166] | 1.38<br>[35] |
| YS44                    | -----             | 1000 kcmil                                  | 2        | WHITE      | 2.94<br>[75] | 6.55<br>[167] | 1.49<br>[38] |
| <sup>6</sup> YS443      | 1000              | -----                                       | 2        | -----      | 2.94<br>[75] | 6.96<br>[177] | 1.55<br>[39] |
| YS45                    | -----             | 1250 kcmil                                  | 2        | YELLOW     | 3.13<br>[80] | 6.97<br>[177] | 1.69<br>[43] |
| YS453                   | 1300              | 1300 kcmil                                  | 2        | ORANGE     | 3.13<br>[80] | 6.98<br>[177] | 1.74<br>[44] |
| YS46                    | -----             | 1500 kcmil                                  | 2        | GREEN      | 3.13<br>[80] | 7.01<br>[178] | 1.84<br>[47] |
| <sup>6</sup> YS466      | 1600              | -----                                       | 2        | -----      | 3.13<br>[80] | 7.51<br>[191] | 1.94<br>[49] |
| YS47                    | -----             | 1750 kcmil                                  | 2        | GRAY       | 3.38<br>[86] | 7.33<br>[186] | 1.98<br>[50] |
| YS48                    | -----             | 2000 kcmil                                  | 2        | BROWN      | 3.27<br>[83] | 7.57<br>[192] | 2.13<br>[54] |
| <sup>6</sup> YS481      | 2000              | -----                                       | 2        | -----      | 3.38<br>[86] | 8.08<br>[205] | 2.18<br>[55] |
| <sup>6</sup> YS486      | -----             | 2500 kcmil                                  | 2        | -----      | 3.63<br>[92] | 8.10<br>[206] | 2.38<br>[60] |

NOTES:

- MATERIAL: COPPER TUBING.
- FINISH: TIN PLATED.
- <sup>3</sup> FOR SILVER PLATED VERSION OF HYLINKS™ THE SUFFIX SHOULD FOLLOW THE CATALOG NUMBER. (EXAMPLE: "SV" = SILVER PLATED).
- DIMENSIONS IN BRACKETS [ ] ARE IN MILLIMETERS ROUNDED OFF TO THE NEAREST MILLIMETER, UNLESS OTHERWISE NOTED AND ARE FOR REFERENCE ONLY.
- UL LISTED AND CSA CERTIFIED SPLICING WIRE CONNECTORS.
- <sup>6</sup> THESE SPLICES ARE NOT UL LISTED OR CSA CERTIFIED.
- <sup>7</sup> ADD SUFFIX "UNPL" FOR UNPLATED CONNECTORS WITH NO BARREL MARKINGS.
- <sup>8</sup> DO NOT USE PAT644 OR Y644 WITH 6 AWG SOLID.

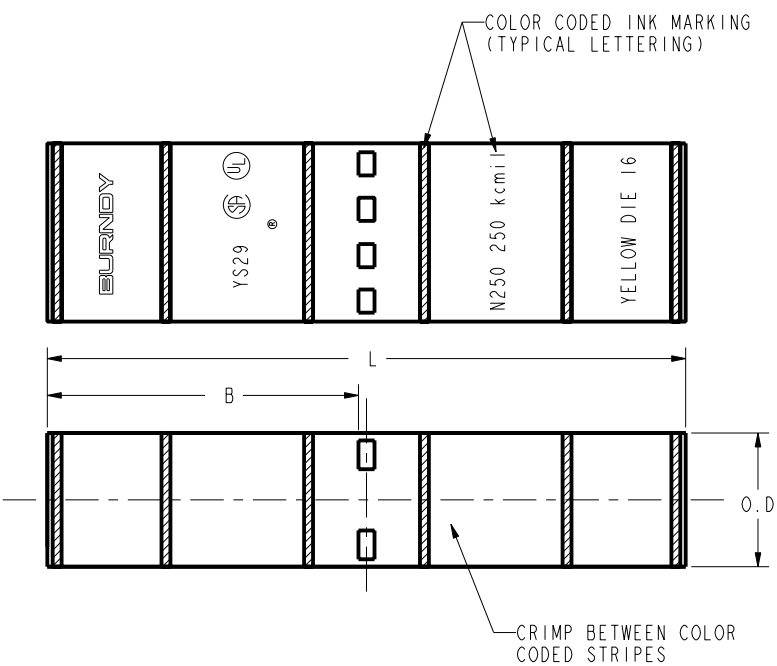


FIGURE 1

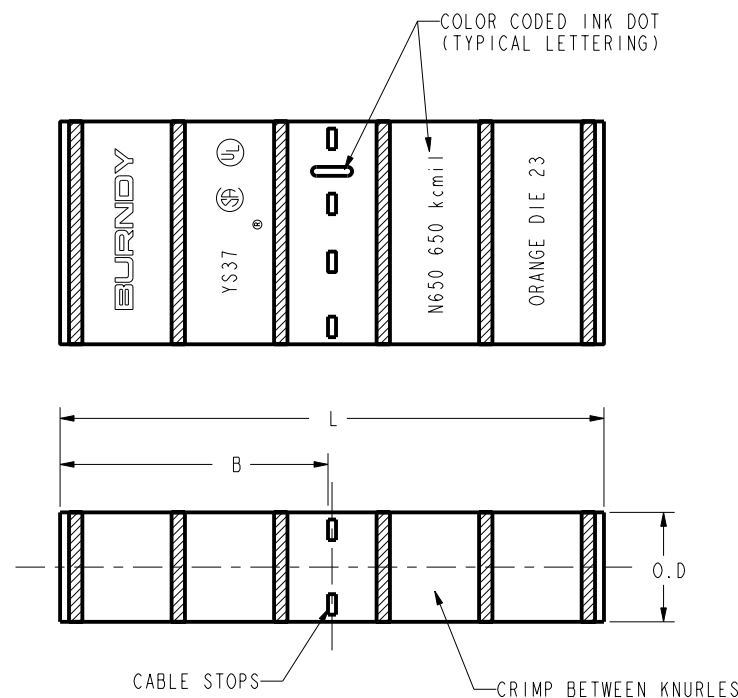


FIGURE 2

TO ORDER BURNDY® PRC

| HYLINK™        |                      |
|----------------|----------------------|
| ITEM NO:       | N/A                  |
| CAT. NO:       | YS--(TABLE)          |
| DRAWN BY:      | CRA 10/11/76         |
| CHECKER:       | P. LAPONIUS 08/07/97 |
| DSN APPVL:     | K.WOO 08/08/97       |
| MFG APPVL:     | --                   |
| QA APPVL:      | S.GARY 09/09/97      |
| MKT APPVL:     | --                   |
| PROD FAM:      | CM&R_Compression     |
| PROJECT #:     | SIZE                 |
| DOCUMENT TYPE: | Sales                |
| REL LEVEL:     | Released             |
| DRAWING NO     | SD007774             |
| REV            | K                    |
| SCALE:         | 1:1                  |
| SHEET 1 OF 4   |                      |

SEE PGS. 2 THRU 4 FOR TOOLING

REV: PEO200