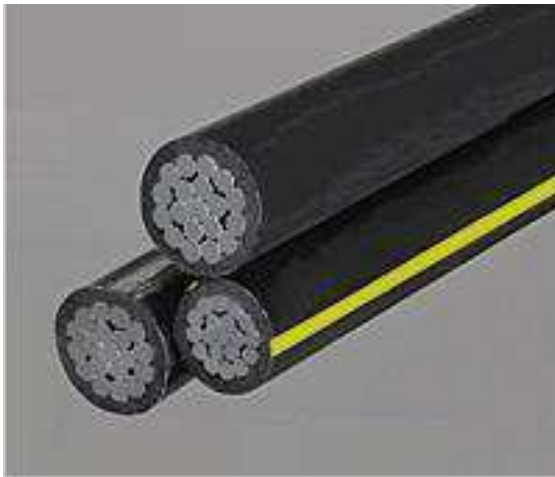




# Triplex URD Cable

600V Triplex Aluminum Conductor Secondary UD Cable –1350-H19-AAC



## SPECIFICATIONS AND STANDARDS

**ASTM B-230:** Aluminum Wire, 1350-H19 for Electrical Purposes.

**ASTM B231:** Concentric Lay-Stranded Aluminum 1350 Conductors.

**ASTM B-609:** Aluminum 1350 Round Wire, Annealed and Intermediate Tempers, for Electrical Purposes.

**ASTM B-901:** Compressed Round Stranded Aluminum Conductors Using Single Input Wire.

**Triplex Secondary UD cable** meets or exceeds all applicable requirements of ICEA S-105-692 for cross-linked polyethylene insulated conductors and UL Standard 854 for Type USE-2.

## CONSTRUCTION:

Conductors are stranded, compressed 1350-H19, H16 or H26 aluminum, insulated with cross-linked polyethylene (XLPE).

Two phase conductors and one neutral conductor are cabled together to produce the triplex cable configuration.

Conductors are also available paralleled. In addition, Insulated conductors surface printed, One Neutral Conductor with Yellow striped or solid Yellow, Black Two Phase Conductor may be specified if desired.

## APPLICATIONS

**Triplex Secondary UD cable** is used for secondary distribution and underground service at 600 volts or less, either direct burial or in ducts.

## Triplex Secondary UD Cable manufactured to ASTM / ICEA:

| Code Word                    | Phase Conductors |        |                      | Neutral  |        |                   | Single Phase Conductor (in) | Outside Diameter (in) | Weight Per 1000ft (lbs) | Ampacity      |         |
|------------------------------|------------------|--------|----------------------|----------|--------|-------------------|-----------------------------|-----------------------|-------------------------|---------------|---------|
|                              | Size AWG         | Strand | Insulation Thickness | Size AWG | Strand | Breaking Strength |                             |                       |                         | Direct Burial | In Duct |
| <b>Yellow Stripe Neutral</b> |                  |        |                      |          |        |                   |                             |                       |                         |               |         |
| Erskine                      | 6                | 7/w    | 60                   | 6        | 7/w    | 60                | .298                        | .644                  | 143                     | 95            | 70      |
| Vassar                       | 4                | 7/w    | 60                   | 4        | 7/w    | 60                | .345                        | .745                  | 203                     | 125           | 90      |
| Stephens                     | 2                | 7/w    | 60                   | 4        | 7/w    | 60                | .403                        | .870                  | 264                     | 165           | 120     |
| Ramapo                       | 2                | 7/w    | 60                   | 2        | 7/w    | 60                | .403                        | .870                  | 294                     | 165           | 120     |
| Brenau                       | 1/0              | 9/w    | 80                   | 2        | 7/w    | 60                | .512                        | .1106                 | 408                     | 215           | 160     |
| Bergen                       | 1/0              | 9/w    | 80                   | 1/0      | 9/w    | 80                | .512                        | .1106                 | 465                     | 215           | 160     |
| Converse                     | 2/0              | 11/w   | 80                   | 1        | 9/w    | 80                | .555                        | .1199                 | 502                     | 245           | 180     |



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|            |     |      |     |     |      |    |       |       |      |     |     |
|------------|-----|------|-----|-----|------|----|-------|-------|------|-----|-----|
| Hunter     | 2/0 | 11/w | 80  | 2/0 | 11/w | 80 | .555  | .1199 | 560  | 245 | 180 |
| Hollins    | 3/0 | 17/w | 80  | 1/0 | 9/w  | 80 | .603  | .1302 | 606  | 280 | 205 |
| Rockland   | 3/0 | 17/w | 80  | 3/0 | 17/w | 80 | .603  | .1302 | 678  | 280 | 205 |
| Sweetbriar | 4/0 | 18/w | 80  | 2/0 | 11/w | 80 | .658  | .1421 | 739  | 315 | 240 |
| Monmouth   | 4/0 | 18/w | 80  | 4/0 | 18/w | 80 | .658  | .1421 | 828  | 315 | 240 |
| Pratt      | 250 | 26/w | 95  | 3/0 | 17/w | 80 | .732  | .1581 | 893  | 345 | 265 |
| Wesleyan   | 350 | 37/w | 95  | 4/0 | 18/w | 80 | .831  | .1795 | 1166 | 415 | 320 |
| Holyoke    | 500 | 37/w | 95  | 300 | 37/w | 95 | .980  | .2117 | 1607 | 495 | 395 |
| Rider      | 500 | 37/w | 95  | 350 | 37/w | 95 | .980  | .2117 | 1663 | 495 | 395 |
| Fairfield  | 750 | 61/w | 110 | 500 | 37/w | 95 | 1.188 | 2.086 | 2304 | 615 | 525 |

+Ampacity: 90°C conductor temperature, 20°C ambient, RHO 90, 100% load factor for Two phase conductor with one neutral carrying only unbalanced load.