



CATEGORY  
**ELECTRICAL  
WIRES**  
AMMO ITEM #  
**1350 Series  
Quadruplex**

Company: \_\_\_\_\_

Job: \_\_\_\_\_ #Item: \_\_\_\_\_

Notes: \_\_\_\_\_

## Underground Distribution Cable Type Quadruplex



### APPLICATIONS

- Designed for use in secondary distribution circuits, where installed in duct or direct burial applications
- Maximum operating temperature is not to exceed 90°C in wet and dry locations
- Voltage rating is 600 volts

### FEATURE

Sunlight Resistance (SUN RES)

### MATERIAL

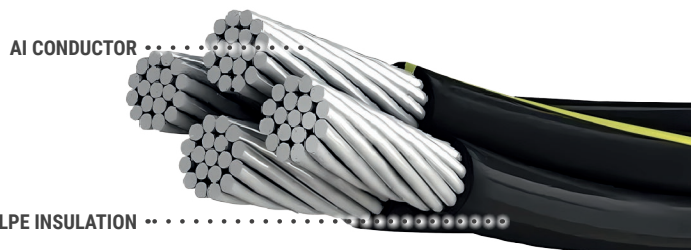
- Insulation material : \_\_\_\_\_ XLPE Compound
- Metal: \_\_\_\_\_ 1350-H19 Aluminum Alloy

### COLOR

- Phase: black sunlight resistant cross-linked polyethylene (XLPE) insulation
- Neutral: black XLPE with 3 extruded yellow stripes

### ASSEMBLY

- Three phase conductors (A, B & C) and the neutral are cabled together, with surface printing for identification
- The neutral conductor has a yellow stripe and sequential footage markings



### RECOMMENDED MINIMUM BENDING RADIUS

10 times the overall Diameter

| AMMO#                    | SIZE                  | CONSTRUCTION | AMPACITY             |                | WEIGHT<br>KFT<br>(lb) | PKG<br>FT REEL | UPC          |
|--------------------------|-----------------------|--------------|----------------------|----------------|-----------------------|----------------|--------------|
|                          |                       |              | DIRECT BURIAL<br>(A) | IN DUCT<br>(A) |                       |                |              |
| <b>2-D-A1350-4000</b>    | 2 - 2 - 2 - 4         | Dyke         | 153                  | 115            | 324                   | 4000           | 840526238231 |
| <b>4/0-WF-A1350-3000</b> | 4/0 - 4/0 - 4/0 - 2/0 | Wake Forest  | 290                  | 225            | 932                   | 3000           | 840526238248 |
| <b>250-R-A1350-2500</b>  | 250 - 250 - 250 - 3/0 | Rust         | 325                  | 245            | 1135                  | 2500           | 840526238255 |

## ELECTRICAL WIRES



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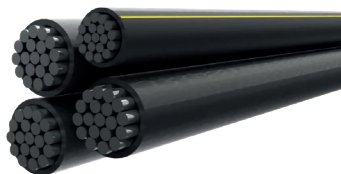


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## Underground Distribution Cable Type Quadruplex



**2-D-A1350-4000**



**4/0-WF-A1350-3000**



**250-R-A1350-2500**

| AMMO#                                                              | 2-D-A1350-4000 |               | 4/0-WF-A1350-3000 |               | 250-R-A1350-2500 |               |
|--------------------------------------------------------------------|----------------|---------------|-------------------|---------------|------------------|---------------|
|                                                                    | PHASE          | NEUTRAL       | PHASE             | NEUTRAL       | PHASE            | NEUTRAL       |
| MAX D.C CONDUCTOR RESISTANCE<br>AT 20° C                           | 0.2665 ohm/ft  | 0.4238 ohm/ft | 0.0836 ohm/ft     | 0.1329 ohm/ft | 0.07076 ohm/ft   | 0.1055 ohm/ft |
| STRANDS                                                            | 7              | 7             | 19                | 19            | 37               | 19            |
| MIN. AVERAGE THICKNESS                                             | 60 mils        | 60 mils       | 80 mils           | 80 mils       | 95 mils          | 80 mils       |
| MIN. THICKNESS AT ANY POINT                                        | 54 mils        | 54 mils       | 72 mils           | 72 mils       | 86 mils          | 72 mils       |
| APPROX OVERALL DIA OVER INSULATION                                 | 0.39 in        | 0.33 in       | 0.64 in           | 0.54 in       | 0.71 in          | 0.580 in      |
| CORE DIAMETER                                                      | 0.403 in       | 0.938 in      | 0.658 in          | 0.603 in      | 0.732 in         | 0.603 in      |
| APPROX OVERALL DIA OF CABLE                                        | 0.938 in       |               | 2.045 in          |               | 2.045 in         |               |
| AC TEST VOLT FOR DIELECTRIC VOLT<br>WITH STAND IN WATER FOR 60 SEC | 3.5 KV         | 3.5 KV        | 4.0 KV            | 4.0 KV        | 5.0 KV           | 4.0 KV        |
| AC SPARK TEST POTENTIAL                                            | 10 KV          | 10 KV         | 12.5 KV           | 12.5 KV       | 15 KV            | 12.5 KV       |
| MIN. INSULATION RESISTANCE IN<br>WATER AT 15° C                    | 690 G ohm m    | 850 G ohm m   | 800 G ohm m       | 970 G ohm m   | 840 G ohm m      | 970 G ohm m   |

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