



**Item Description: 18/3 XLP/XL-GCPE**

| Construction Parameters: |                            | Diameter |
|--------------------------|----------------------------|----------|
| Component 1:             |                            | 0.077    |
| Conductor:               | 18 AWG 41/34 Tinned Copper |          |
| Insulation:              | XLPE Nom Wall: 0.016       |          |
| Color Code:              | Black, Brown, Red          |          |

|             |      |
|-------------|------|
| Cabling:    |      |
| Lay Length: | 1.98 |

|                   |                      |       |
|-------------------|----------------------|-------|
| Jacketing:        |                      |       |
| Jacket Separator: | Paper                |       |
| Outer Jacket:     | GCPE Nom Wall: 0.035 | 0.240 |
| Jacket Color:     | BLACK                |       |
| Legend Type:      | InkJet               |       |

Legend: SOUTHWIRE® E57498 (PLANT ID CODE) 3/C 18 AWG (X.XXXmm<sup>2</sup>) (UL) AWM STYLE 4613 90C 150V (-40C) -- CSA 156205 AWM I/II A/B 90C 150V FT1/FT2 (-40C) VW-1 -- ROHS

**Physical Properties:**

Temperature Range: -40°C to 90°C

**Electrical Properties:**

Voltage Rating: 150V RMS

**Industry Approvals:**

UL: AWM 4613  
CSA: CSA AWM I/II A/B  
Flame Tests: CSA: FT1/FT2

**Compliance:**

RoHS: Complies with EU Dir. 2011/65/EU (RoHS-2)

| ERF Number   | No. Cond. | Gauge AWG/MCM | No. Strands | Nom. Cond. |        | Insulation Wall, Nom. |        | Jacket Wall, Nom. |        | O.D., Nom. |          | Net Weight |  |
|--------------|-----------|---------------|-------------|------------|--------|-----------------------|--------|-------------------|--------|------------|----------|------------|--|
|              |           |               |             | DCR Ω/M'   | Inches | mm                    | Inches | mm                | Inches | mm         | Lb./kft. | kg/km      |  |
| 34591 Line 1 | 3         | 18            | 41/34       | 7.05       | 0.016  | 0.41                  | 0.035  | 0.89              | 0.240  | 6.10       | 36       | 53         |  |

**Note: All dimensions & weights are nominal subject to industry standards and tolerances unless otherwise noted.**

Complies with EU Dir. 2011/65/EU (RoHS-2)  
The customer will accept all factory lengths and +/- 10 percent of total order requested.

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Customer Company Name: \_\_\_\_\_

Date: \_\_\_\_\_

Customer Approval: \_\_\_\_\_

Customer Title: \_\_\_\_\_

Specification Issue Date: 4/18/2016

Rev Level:

ERF #: 34591 Line 1

Designed By: GK