



## 30 Volt AC Underground Irrigation Cable, UL Listed

75°C, Sunlight Resistant, Direct Burial, Solid Bare Copper Wires

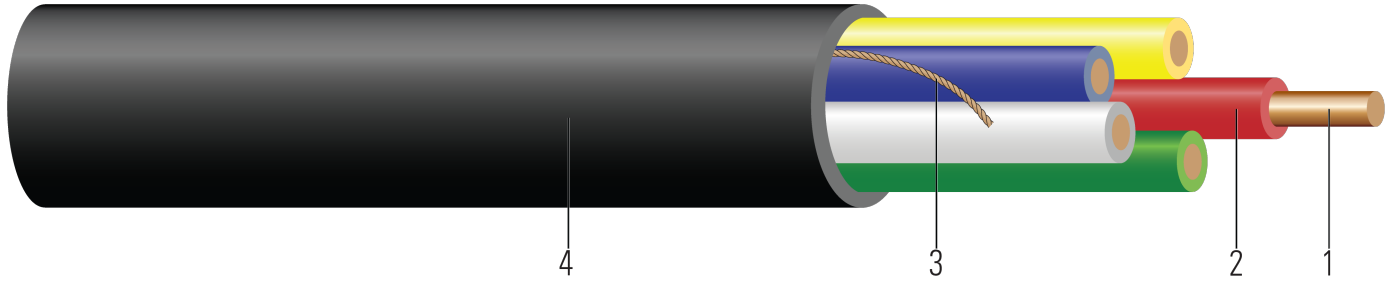


Image not to scale. See Table 1 for dimensions.

### CONSTRUCTION:

1. **Conductor:** 18 AWG solid soft drawn bare copper per ASTM B3
2. **Insulation:** Polyethylene (PE)
3. **Rip Cord:** Rip cord for ease of jacket removal
4. **Jacket:** Black Polyethylene (PE)

### APPLICATIONS AND FEATURES:

Southwire's low energy circuit underground irrigation cable are used for direct burial Sprinkler Systems. The cable is rated -20°C to 75°C.

### SPECIFICATIONS:

- ASTM B3 Soft or Annealed Copper Wire
- UL 1493 Underground Low-Energy Circuit Cable
- RoHS-2 (European Directive 2011/65/EU)

### SAMPLE PRINT LEGEND:

SOUTHWIRE® E323920 18/XX UNDERGROUND LOW-ENERGY CIRCUIT CABLE 75C 30VAC (UL) -- {MM/DD/YY} {HH:MM}

### PACKAGING:

Standard lengths: 250, 500 and 1,000 ft reels. Other lengths available upon request.

**Table 1 – Weights and Measurements**

| Stock Number | Cond. Size | Cond. Number | Strand | Insul. Thickness | Overall Jacket Thickness | Approx. OD | Approx. Weight |
|--------------|------------|--------------|--------|------------------|--------------------------|------------|----------------|
|              | AWG/Kcmil  |              | No.    | mil              | mil                      | inch       | lb/1000ft      |
| 54702        | 18         | 2            | Solid  | 10               | 25                       | 0.174      | 16             |

All dimensions are nominal and subject to normal manufacturing tolerances

◊ Cable marked with this symbol is a standard stock item

**Table 2 – Weights and Measurements (Metric)**

| Stock Number | Cond. Size | Cond. Number | Strand | Insul. Thickness | Jacket Thickness <sup>1</sup> | Approx. OD | Approx. Weight |
|--------------|------------|--------------|--------|------------------|-------------------------------|------------|----------------|
|              | AWG/Kcmil  |              | No.    | mm               | mm                            | mm         | kg/km          |
| 54702        | 18         | 2            | Solid  | 0.25             | 0.64                          | 4.42       | 24             |

All dimensions are nominal and subject to normal manufacturing tolerances





◊ Cable marked with this symbol is a standard stock item

Table 3 – Color Code

| Conductor Number | Insulation Color |                                                                                     |
|------------------|------------------|-------------------------------------------------------------------------------------|
| 1                | Red              |  |
| 2                | White            |  |
| 3                | Green            |  |
| 4                | Blue             |  |
| 5                | Yellow           |  |
| 6                | Brown            |  |
| 7                | Orange           |  |
| 8                | Black            |  |
| 9                | Pink             |  |
| 10               | Gray             |  |
| 11               | Tan              |  |
| 12               | Purple           |  |
| 13               | Natural          |  |

