



## 600V ROYAL® S00W Power Cord Non-UL/CSA with Black Jacket 90°C. MSHA Approved

600 Volt, 90°C Flexible Cord. Heat, Moisture and Oil Resistant EPDM Rubber Insulation and Heat, Moisture and Oil Resistant Flexible CPE Jacket, Non UL / Non CSA.



Image not to scale. See Table 1 for dimensions.

### CONSTRUCTION:

1. **Conductor:** Class K stranded bare copper per ASTM B-174
2. **Insulation:** Heat, moisture and oil resistant EPDM
3. **Filler:** Waxed paper fillers
4. **Jacket:** Black CPE (Other colors available upon request)

### APPLICATIONS AND FEATURES:

Southwire Royal® Non UL/Non CSA S00W cord is designed for use with industrial equipment, heavy tools, battery chargers, portable lights and power extensions, suitable for outdoor applications. The cable is rated -40°C to 90°C, sunlight, water, oil, and weather resistant. Southwire Type S00W Flexible Cords are permitted for use as specified by Article 400 and related articles of the 2014 National Electrical Code.

### SPECIFICATIONS:

- ASTM B3 Soft or Annealed Copper Wire
- ASTM B174 Standard Specification for Bunch-Stranded Copper
- MSHA flame test - P07-KA070018-1MSHA
- RoHS-3 Complies with European Directive 2015/863
- NEC Article 400 Flexible Cords, Cables and Fixture Wire
- Federal Specification J-C-580B

### SAMPLE PRINT LEGEND:

SOUTHWIRE® ROYAL® CORD X/C X AWG (X.XXmm<sup>2</sup>) S00W 600V -40C TO 90C

### PACKAGING:

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





**Table 1 – Weights and Measurements**

| Stock Number | CCI Part # | Cond. Size    | Cond. Number | Cond. Strands | Insul. Thickness | Jacket Thickness | Approx. OD | Approx. Weight | Ampacity | Insul. Color | Jacket Color |
|--------------|------------|---------------|--------------|---------------|------------------|------------------|------------|----------------|----------|--------------|--------------|
|              |            | AWG/<br>Kcmil | No.          | No.           | mil              | mil              | inch       | lb/1000ft      | Amp      |              |              |
| 558092       | 822321     | 6             | 3            | 133           | 45               | 90               | 0.726      | 418            | 45       | BK,WE,GN     | BK           |

All dimensions are nominal and subject to normal manufacturing tolerances

◊ Cable marked with this symbol is a standard stock item

\* Ampacities are based on TABLE 400.5(A)(1) of the 2023 National Electrical Code and CEC Table 12.

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

| Stock Number | CCI Part # | Cond. Size    | Cond. Number | Cond. Strands | Insul. Thickness | Jacket Thickness | Approx. OD | Approx. Weight | Ampacity * | Insul. Color | Jacket Color |
|--------------|------------|---------------|--------------|---------------|------------------|------------------|------------|----------------|------------|--------------|--------------|
|              |            | AWG/<br>Kcmil | No.          | No.           | mm               | mm               | mm         | kg/km          | Amp        |              |              |
| 558092       | 822321     | 6             | 3            | 133           | 1.14             | 2.29             | 18.44      | 622            | 45         | BK,WE,GN     | BK           |

\* Ampacities are based on TABLE 400.5(A)(1) of the 2023 National Electrical Code and CEC Table 12.

**Color Code**

| # of Conductor | Color Sequence                   |
|----------------|----------------------------------|
| 2              | Black, White                     |
| 3              | Black, White, Green              |
| 4              | Black, White, Red, Green         |
| 5              | Black, White, Red, Green, Orange |

