

Royal® EXCELENE® NON-UL WELDING CABLE. Silicone Free

600 Volt 105°C Flexible Cord. Heat, Abrasion, Tear Resistant, Moisture and Flexible EPDM Jacket.

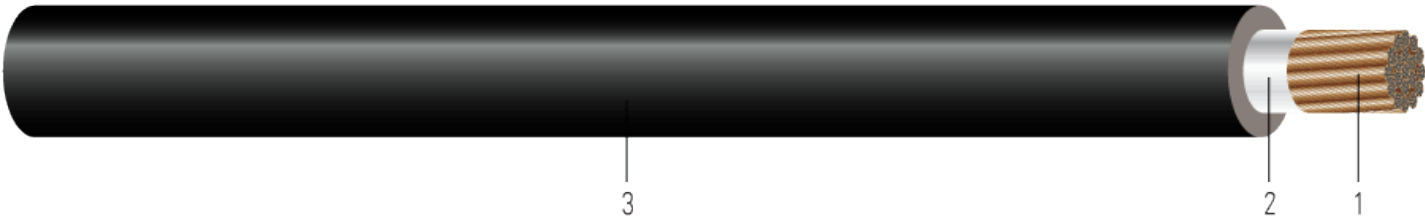


Image not to scale. See Table 1 for dimensions.

CONSTRUCTION:

- 1. **Conductor:** Annealed rope-stranded Class K, bare copper conductor as per ASTM B-3. 30 AWG rope lay strand per ASTM B-172.
- 2. **Separator:** Paper separator for ease of stripability
- 3. **Insulation:** EPDM, Black (Other colors available upon request)

APPLICATIONS AND FEATURES:

Southwire Excelene Welding cable, Extra Flexible, rated for -50°C to 105°C temperatures. This cable used for secondary voltage resistance welding cable leads, National electrical code Article 630 electric welders and for temporary power industrial applications.

SPECIFICATIONS:

- RoHS Compliant Lead-Free, Silicone-Free

SAMPLE PRINT LEGEND:

SOUTHWIRE® ROYAL® EXCELENE® XXX KCMIL (XXXmm2) WELDING CABLE 600V -50C TO +105C MADE IN USA-- Sequential Footage Marking--

PACKAGING:

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

Table 1 – Weights and Measurements

| Stock Number | Cond. Size | Cond. Number | Cond. Strands | Jacket Thickness | Approx. OD | Approx. Weight | Ampacity |
|--------------|------------|--------------|---------------|------------------|------------|----------------|----------|
| | AWG/Kcmil | No. | No. | mil | inch | lb/1000ft | Amp |
| 10410 | 8 | 1 | 135 | 70 | 0.285 | 80 | 80 |

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)(2) of the 2023 National Electrical Code and CEC Table 12(A). The ampacity values assume a continuous sinusoidal 60 Hz current and are for reference only and should not be used as a final value.
^ No metric print legend
** White jacket color

Table 2 – Weights and Measurements (Metric)

| Stock Number | Cond. Size | Cond. Number | Cond. Strands | Jacket Thickness | Approx. OD | Approx. Weight | Ampacity * |
|--------------|------------|--------------|---------------|------------------|------------|----------------|------------|
| | AWG/Kcmil | No. | No. | mm | mm | kg/km | Amp |
| 10410 | 8 | 1 | 135 | 1.78 | 7.24 | 119 | 80 |

Colors and Stock Code

| Size | Stock Code | Color |
|------------|------------|--------|
| #6 (259) | 1041105 | Green |
| 2/0 (1254) | 1044603 | Orange |
| 3/0 (1615) | 1041704 | Red |
| 3/0 (1615) | 1044703 | Orange |

