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

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

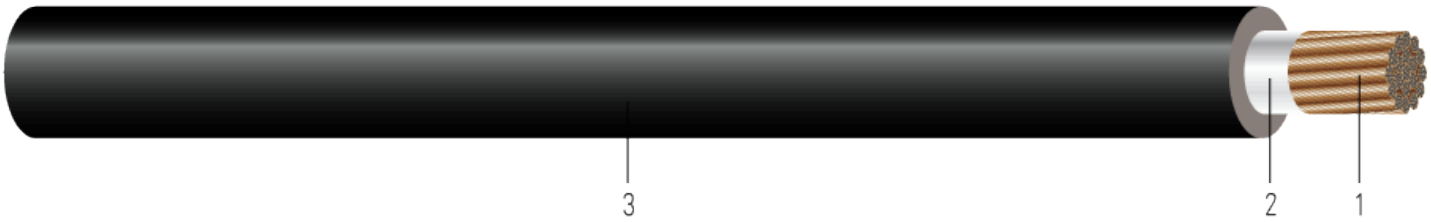


Image not to scale. See Table 1 for dimensions.

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.

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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
10411	6	1	259	65	0.305	120	105
10412	4	1	385	60	0.340	167	140
10483	2	1	651	70	0.420	260	190
10413	2	1	651	70	0.420	260	190
10484	1	1	798	85	0.498	334	220
10414	1	1	798	85	0.498	334	220
10485	1/0	1	1026	85	0.525	411	260
10415	1/0	1	1026	85	0.525	411	260
10486	2/0	1	1254	85	0.570	465	300
10416	2/0	1	1254	85	0.570	465	300
10487	3/0	1	1615	80	0.617	609	350
10417	3/0	1	1615	90	0.635	617	350
10488	4/0	1	2052	80	0.695	773	405
10418	4/0	1	2052	80	0.695	773	405
TBA	250	1	2451	145	0.712	821	455
TBA	350	1	3458	135	0.824	1130	570
TBA	500	1	4921	160	0.997	1630	700

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

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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
10411	6	1	259	1.65	7.75	179	105
10412	4	1	385	1.52	8.64	249	140
10483	2	1	651	1.78	10.67	387	190
10413	2	1	651	1.78	10.67	387	190
10484	1	1	798	2.16	12.65	497	220
10414	1	1	798	2.16	12.65	497	220
10485	1/0	1	1026	2.16	13.33	612	260
10415	1/0	1	1026	2.16	13.33	612	260
10486	2/0	1	1254	2.16	14.48	692	300
10416	2/0	1	1254	2.16	14.48	692	300
10487	3/0	1	1615	2.03	15.67	906	350
10417	3/0	1	1615	2.29	16.13	918	350
10488	4/0	1	2052	2.03	17.65	1150	405
10418	4/0	1	2052	2.03	17.65	1150	405
TBA	250	1	2451	3.68	18.08	1222	455
TBA	350	1	3458	3.43	20.93	1682	570
TBA	500	1	4921	4.06	25.32	2426	700

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