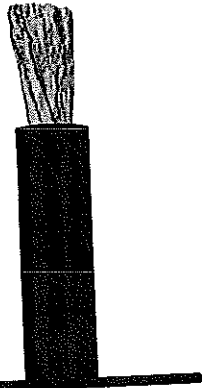


Royal® / Excelene® Welding Cable

-50°C to 105°C 600V, EPDM

PORTABLE CABLE



- CONDUCTORS:** • 8 – 4/0 fully annealed stranded bare copper
- INSULATION:** • Industrial grade Ethylene Propylene (EP) Rubber
- LEGEND:** • CCI ROYAL/EXCELENE (SIZE) (XX MM²) WELDING CABLE 600V -50C TO 105C MADE IN THE USA
- FEATURES:** • Finely stranded bare copper provides extra flexible constructions
• Greater temperature range (-50°C to 105°C) than typical welding cable
• Abrasion and tear resistant industrial grade jacket compound
- APPLICATIONS:** • Secondary voltage resistance welding cable leads
• Temporary power uses
• National electrical code Article 630 electric welders
- OPTIONS:** • Tinned copper and colors available upon request
- INDUSTRY APPROVALS:** • RoHS

RECOMMENDED MINIMUM WELDING CABLE SIZING CHART

Welding Current Amps	Length in Feet For Total Circuit for Secondary Voltages Only (DO NOT Use This Table For 600 Volt In-Line Applications)						
	50	100	150	200	250	300	350
100	4	4	4	2	2	1	1/0
150	4	4	2	1	1/0	2/0	3/0
200	2	2	1	1/0	2/0	3/0	4/0
250	2	2	1/0	2/0	3/0	4/0	
300	1	1	2/0	3/0	4/0		
350	1/0	1/0	3/0	4/0			
400	2/0	2/0	3/0				
500	3/0	4/0	4/0				
600	4/0	4/0					

- Ampacities are based on 105°C conductor temperature, 40°C ambient air / 50% duty cycle and approximate voltage drop of 4V @ 25°C conductor temperature or 5VB @ 105°C conductor temperature.

Part Number	Gauge	Stranding	Insulation Thickness		Nominal OD		Weight	
			In.	mm.	In.	mm.	lbs./mft	kg/km
10410	8	168/30	0.064	1.63	0.285	7.24	85	126
10411	6	266/30	0.064	1.63	0.305	7.75	116	173
10412	4	392/30	0.064	1.63	0.340	8.64	159	240
10413	2	651/30	0.084	1.63	0.420	10.67	251	374
10414	1	798/30	0.084	2.13	0.490	12.45	321	460
10415	1/0	1026/30	0.084	2.13	0.525	13.34	395	451
10416	2/0	1254/30	0.084	2.13	0.570	14.48	471	701
10417	3/0	1615/30	0.084	2.13	0.635	16.13	588	710
10418	4/0	2052/30	0.084	2.13	0.695	17.65	749	1065

Dimensions and weights are nominal and are subject to industry tolerances unless otherwise noted.

See page 47 for Ordering and Color Code information.



Coleman Cable Inc.
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