



Portable Arc-Welding Cable 600V

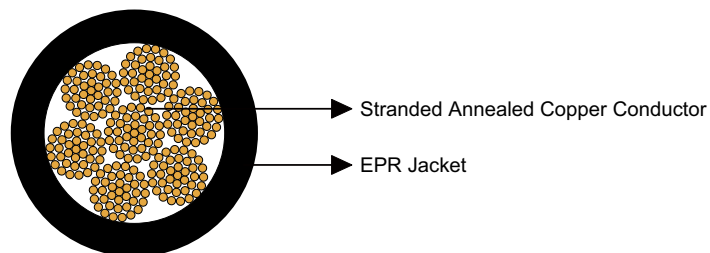
» Applications

These cables are designed for use as flexible welding leads connecting the electrode holder to the welding machine in the secondary circuit of electric arc welding systems.

» Standards

ICEA S-75-381/NEMA WC 58
ASTM B 172
ASTM B 33
CAN/CSA C22.2 No. 96
UL 1581

» Construction



Conductors:

Class K/M stranded annealed copper conductor.

Jacket:

Heavy-duty/medium-duty Ethylene Propylene Rubber (EPR).

» Options

- Other jacket materials such as NR/CSP/PCP/NBR/PVC are available upon request.
- Heavy-duty, two-layer jacket with reinforcement between the two layers can be offered as an option.



Caledonian Mining Cables

Portable Welding Cables

» Mechanical and Thermal Properties

Minimum Bending Radius: 6×OD

Maximum Conductor Operating Temperature: +90°C

» Dimensions and Weight

Construction No. of cores×AWG/ kcmil	No. of Strands -	Nominal Insulation Thickness		Nominal Overall Diameter		Nominal Weight		Ampacity A
		inch	mm	inch	mm	lbs/kft	kg/km	
1×6	259	0.060	1.5	0.37	9.4	124	184	125
1×4	420	0.060	1.5	0.42	10.7	180	268	182
1×2	665	0.060	1.5	0.49	12.5	268	399	271
1×1	836	0.080	2.0	0.53	13.3	319	475	360
1×1/0	1045	0.080	2.0	0.59	14.9	415	617	444
1×2/0	1330	0.080	2.0	0.64	16.3	508	756	535
1×3/0	1672	0.080	2.0	0.70	17.8	628	934	667
1×4/0	2107	0.080	2.0	0.81	20.7	775	1153	809
1×250	2499	0.095	2.4	0.88	22.4	934	1390	1048
1×350	3458	0.095	2.4	1.01	25.6	1267	1885	1396
1×500	5054	0.095	2.4	1.18	30.0	1801	2680	1973