



Caledonian

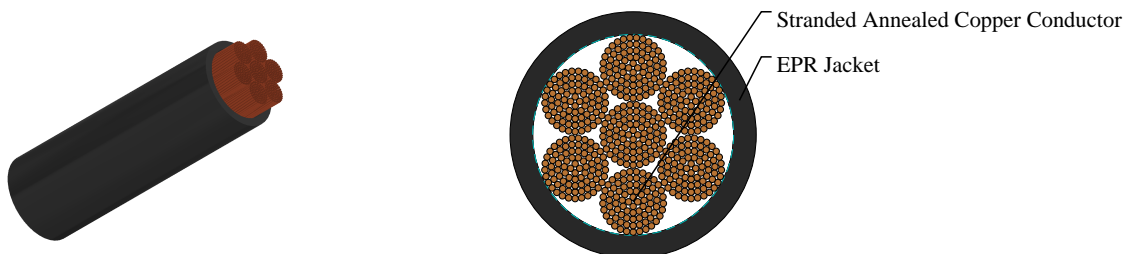
Mining Cables (ICEA & CSA Standard)

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Portable Welding Cables

Portable Arc-Welding Cable 600V 1C500AWG



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

CABLE 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.

PHYSICAL AND THERMAL PROPERTIES

Minimum Bending Radius: $6 \times OD$

Maximum Conductor Operating Temperature: $+90^{\circ}C$

DIMENSION AND PARAMETERS

No. of Cores	AWG Size	No. of Strands	Nominal Jacket Thickness	Nominal Jacket Thickness	Approx. Overall Diameter	Approx. Overall Diameter	Approx. Weight	Ampacity
			in	mm	in	mm	kg/km	amps
1	500	5054	0.095	2.4	1.18	30	2680	1973