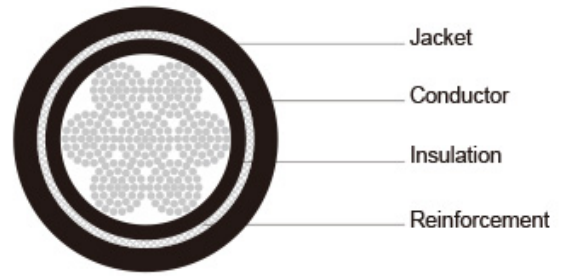


Type W Single Conductor Portable Power Cable 2kV



Applications	These cables are designed for use on electric mining locomotives and other mobile equipment of the gathering-reel type, where the cable must withstand constant flexing and reeling.
Standards	ICEA S-75-381/NEMA WC 58 ASTM B 172 ASTM B 33 CAN/CSA C22.2 No.96
Construction	
Conductors	Stranded annealed tinned copper conductor.
Insulation	Ethylene Propylene Rubber (EPR).
Reinforcement	A layer of polyester braid, applied between the insulation and jacket for mechanical strength.
Jacket	Heavy-duty/extra-heavy-duty Chlorinated Polyethylene (CPE), black. (Cables having a nominal outside diameter of more than 2.0 inches require extra-heavy-duty jackets.)
Options	Other jacket materials such as CSP/PCP/NBR/PVC are available upon request. Two-layer jacket with reinforcing fibre between the two layers can be offered as an option.
Mechanical and Thermal Properties	Minimum Bending Radius: 6xOD Maximum Operating Temperature: +90°C

Dimensions and Weight:

Construction No. of cores x AWG/kcmil	No. of Strands	Nominal Insulation Thickness		Nominal Jacket Thickness		Nominal Overall Diameter		Nominal Weight		Ampacity
		inch	mm	inch	mm	inch	mm	lbs/kft	kg/km	
1x8	133	0.060	1.5	0.060	1.5	0.44	11.2	150	223	83
1x6	168	0.060	1.5	0.080	2.0	0.51	13.0	205	305	109
1x4	259	0.060	1.5	0.080	2.0	0.57	14.5	280	417	145
1x3	329	0.060	1.5	0.095	2.4	0.63	16.0	350	521	167
1x2	259	0.060	1.5	0.095	2.4	0.66	16.8	370	550	192
1x1	329	0.080	2.0	0.110	2.8	0.74	18.8	500	744	223
1x1/0	259	0.080	2.0	0.110	2.8	0.77	19.6	550	818	258
1x2/0	329	0.080	2.0	0.110	2.8	0.82	20.1	660	982	298

1×3/0	427	0.080	2.0	0.125	3.2	0.87	22.1	830	1235	345
1×4/0	532	0.080	2.0	0.125	3.2	0.93	23.6	950	1413	400
1×250	608	0.095	2.4	0.140	3.6	1.03	26.2	1240	1845	445
1×300	741	0.095	2.4	0.140	3.6	1.09	27.7	1400	2083	500
1×350	855	0.095	2.4	0.155	3.9	1.15	29.2	1480	2202	552
1×500	1221	0.095	2.4	0.155	3.9	1.31	33.3	2140	3184	695

Ampacity-Based on a conductor temperature of 90°C and an ambient air temperature of 40°C, per ICEA S-75-381.