



Type W Two-Conductor Round Portable Power Cable 2kV

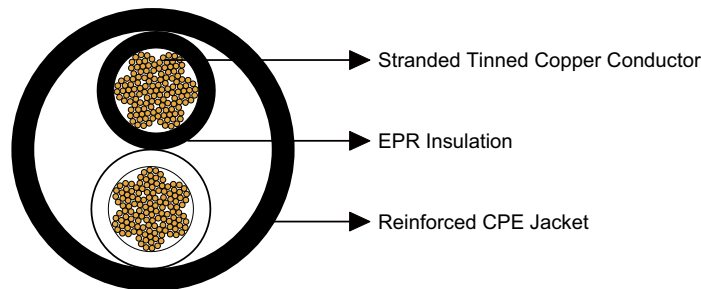
» Applications

These cables are designed for general use where bare grounding conductors are not required or desired.

» 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).

Jacket:

Reinforced 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.



Caledonian Mining Cables

Portable Power Cables

» Mechanical and Thermal Properties

Minimum Bending Radius: 6×OD

Maximum Conductor Operating Temperature: +90°C

» Dimensions and Weight

Construction	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	
No. of cores×AWG/ kcmil	-									A
2×8	166	0.06	1.5	0.110	2.8	0.83	21.1	391	581	72
2×6	259	0.06	1.5	0.125	3.2	0.94	23.9	571	849	95
2×4	412	0.06	1.5	0.140	3.6	1.07	27.3	793	1180	127
2×2	259	0.06	1.5	0.155	3.9	1.26	32.1	1142	1699	167
2×1/0	414	0.08	2.0	0.170	4.3	1.51	38.3	1693	2520	217
2×2/0	522	0.08	2.0	0.170	4.3	1.65	41.9	1908	2840	250
2×3/0	658	0.08	2.0	0.190	4.8	1.77	45.0	2600	3870	286
2×4/0	829	0.08	2.0	0.190	4.8	1.92	48.8	2675	3980	328
2×250	973	0.095	2.4	0.205	5.2	2.10	53.3	3434	5110	363

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