

PWC-411



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<http://www.prioritywire.com>

Two Conductor Flat Type W

600/2,000 volts

Applications:

For use on D.C. off-track mining equipment. Especially designed for D.C. shuttle cars, drills, cutting and loading machines. Recommended maximum continuous conductor temperature is 90°C.

Cable carries "MSHA" marking indicating listing by the Mine Safety and Health Administration and the Pennsylvania Department of Environmental Resources.

Mining Cable meets or exceeds ICEA Standards S-68-516 & S-75-381.

Conductors

Flexible tinned copper

Insulation

90°C Ethylene-Propylene rubber (EPR)

Reinforcement

Over assembly

Jacket

CPE with permanent surface marking.



Size of Conductor AWG	No. of Wires per Conductor	Insulation Thickness Mils	Approx O.D. in. (1)	Approx. Weight lbs. per 1,000 ft.	Ampacity (2) 40°C Ambient Temp.
8	133 7x19	60	.51 x .84	340	72
6	133 7x19	60	.56 x .93	440	95
4	259 7x37	60	.61 x 1.05	580	127
2	259 7x37	60	.73 x 1.24	850	167
1	259 7x37	80	.81 x 1.40	1070	191
1/0	259 7x37	80	.93 x 1.51	1310	217
2/0	329 7x47	80	.99 x 1.63	1600	250
4/0	532 19x28	80	1.10 x 1.89	2300	328

(1) **Tolerances**- Minor Dimension $\pm .030$
Major Dimension $\pm .040$

For other ratings under various conditions, see portable power cable ampacities table Inside Back Cover

(2) **Ampacity**- Based on 90°C conductor temperature.

Number of Layers	Multiplying Correction Factors
1	0.85
2	0.65
3	0.45
4	0.35

Reel correction factors

For use with ampacities when one or more layers of cable are wound on a reel.

1-800-945-5542

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