

PWC-504



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Type SHD-PCG Longwall Cables 2,000 Volts

Applications:

Heavy duty portable power cable designed for use to power longwall shearers, where three shielded power conductors, three unshielded control conductors, and a grounding conductor are required. 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.

Power Conductors
Flexible tinned copper

Separator Tape

Insulation
90°C Ethylene-Propylene rubber (EPR)

Ground Wires
Flexible tinned copper

Control Group 3 Conductors
Flexible tinned copper, Ethylene-Propylene rubber Insulation color coded black, white, red, and overall, a thermosetting jacket

Tape colored rubber filled

Insulation Shielding
Tinned copper and color coded nylon braid

Jacket
Reinforced CPE with permanent surface marking.



Power Conductors		Grounding Conductor		Control Conductors		Nominal O.D. in. (1)	Approx. Weight lbs. per 1,000 ft.	Ampacity (2) 40° C Ambient Temp.
Size of Conductor AWG (3)	No. of Wires per Conductor	Size AWG	No. of Wires	Size AWG	No. of Wires per Conductor			
2/0	342 19x18	2	246 6x41	8	133 7x19	2.23	3950	243
4/0	532 19x28	1/0	426 6x71	6	133 7x19	2.67	5750	321

(1) Diameters- Subject to plus or minus 3% tolerance

(3) Other sizes available.

(2) Ampacity- Based on 90°C conductor temperature. For other ratings under various conditions, see portable power cable ampacities table Inside Back Cover.

1-800-945-5542

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