

PWC-604



Little Rock
800-945-5542

Virginia Beach
757-361-0207

Baton Rouge
888-754-5707

Las Vegas
702-696-0001

Houston
888-388-6280

Kentucky
859-727-6100

Three Conductor
Type MP-GC
Mine Power Feeder
CPE Jacket, 15,000 Volts,
100% Level, (Grounded)

Applications:

Connections between units of mine distribution systems. For use up to 15,000 volts when installed in duct, conduit or open air and for direct burial in wet and dry locations. 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
Copper

Strand Shield
Semi-conducting layer

Insulation
90°C Ethylene-Propylene rubber

Insulation Shielding
Semi-conducting layer under .005" copper tape (Phase identification provided)

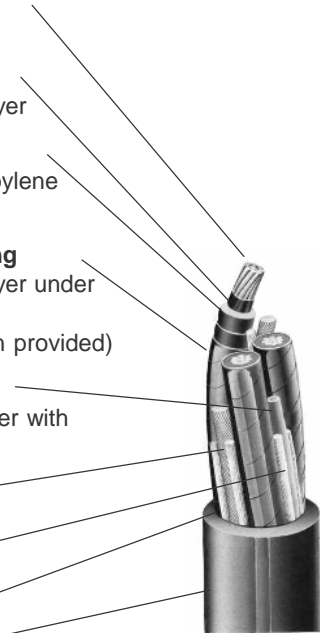
Ground Check
8 AWG 7 wire copper with yellow insulation.

Ground Wires
Copper.

Fillers (4)

Binder Tape

Jacket
CPE with permanent surface marking (1).



Power Conductors			Grounding Conductor		Jacket Thickness Mils	Nominal Diameter In. (2)	Approx. Weight lbs. per 1,000 ft.	Ampacity (3) 40° C Ambient Temp.
Size AWG/MCM	No. of Wires per Conductor	Insulation Thickness Mils	Size AWG	Number of Wires per Conductor				
2	7	175	6	7	140	1.88	2280	164
1	19	175	5	7	140	1.98	2460	187
1/0	19	175	4	7	140	2.05	2780	215
2/0	19	175	3	7	140	2.15	3290	246
4/0	19	175	1	19	140	2.40	4600	325
250	37	175	1/0	19	140	2.50	4990	359
350	37	175	2/0	19	140	2.75	6380	438
500	37	175	4/0	19	170	3.10	8770	536

(1) Jacket- Black is standard. Colored jackets available on request.

(2) Diameters- Subject to plus 8% minus 5% tolerance.

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

(4) Cured rubber fillers are standard.

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