

PWC-602



Little Rock 800-945-5542	Virginia Beach 757-361-0207
Baton Rouge 888-754-5707	Kentucky 859-727-6100
Houston 888-388-6280	Las Vegas 702-696-0001

Three Conductor Type MP-GC Mine Power Feeder

CPE Jacket, 8,000 Volts, 100% Level,
(Grounded)

Applications:

Connections between units of mine distribution systems. For use up to 8,000 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				
4	7	115	8	7	110	1.43	1440	122
2	7	115	6	7	110	1.55	1760	159
1	19	115	5	7	110	1.65	2070	184
1/0	19	115	4	7	140	1.75	2440	211
2/0	19	115	3	7	140	1.88	2940	243
4/0	19	115	1	19	140	2.12	4130	321
250	37	115	1/0	19	140	2.25	4760	355
350	37	115	2/0	19	140	2.46	6090	435
500	37	115	4/0	19	140	2.75	8360	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.

1-800-945-5542