

# PWC-622



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<b>Baton Rouge</b> 888-754-5707	<b>Las Vegas</b> 702-696-0001
<b>Houston</b> 888-388-6280	<b>Kentucky</b> 859-727-6100

**Three Conductor**  
**Type MP-GC**  
**Mine Power Feeder**  
PVC 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 Cross-linked polyethylene

## Insulation Shielding

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

## Ground Check Conductor

8 AWG 7 wire copper with yellow insulation.

## Ground Wires

Copper.

## Fillers (3)

## Binder Tape

## Jacket

Polyvinyl Chloride (PVC) with permanent surface marking.



Power Conductors			Grounding Conductor		Jacket Thickness Mils	Nominal Diameter In. (1)	Approx. Weight lbs. per 1,000 ft.	Ampacity (2) 40° C Ambient Temp.
Size AWG/MCM	No. of Wires per Conductor	Insulation Thickness Mils	Size AWG	Minimum No. of Wires per Conductor				
4	7	115	5	7	110	1.43	1300	122
2	7	115	6	7	110	1.55	1680	159
1	19	115	5	7	110	1.65	1940	184
1/0	19	115	4	7	140	1.75	2280	211
2/0	19	115	3	7	140	1.88	2730	243
4/0	19	115	1	19	140	2.12	3830	321
250	37	115	1/0	19	140	2.25	4430	355
350	37	115	2/0	19	140	2.46	5700	435
500	37	115	4/0	19	140	2.75	7830	536

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

(3) Cured rubber fillers are standard.

(2) **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.

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