PWC-601

PRIORITY WIRE & CABLE, INC.
http://www.prioritywire.com

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, 5,000 Volts,
100% or 133% Level,
(Grounded or Ungrounded)

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).

Applications:
Connections between units of mine distribution systems. For use up to 5,000 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.

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	Minimum No. of Wires per Conductor				
4	7	90	8	7	110	1.32	1240	122
2	7	90	6	7	110	1.45	1670	159
1	19	90	5	7	110	1.53	1940	184
1/0	19	90	4	7	110	1.63	2300	211
2/0	19	90	3	7	110	1.74	2730	243
4/0	19	90	1	19	140	2.00	3940	321
250	37	90	1/0	19	140	2.13	4620	355
350	37	90	2/0	19	140	2.35	5940	435
500	37	90	4/0	19	140	2.64	8160	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.