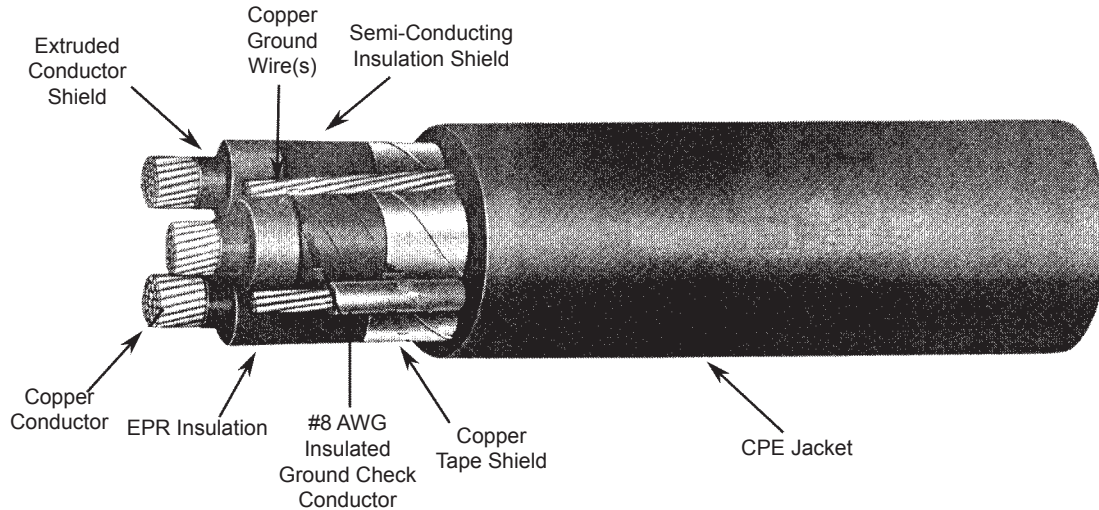


**MINE POWER FEEDER CABLE, TYPE MP-GC, 8000 VOLT,
EPR, 90°C CONDUCTOR TEMPERATURE**

SPEC 4-23-3
Ver. 7.1
Revised: 12/04/08



90°C CONDUCTOR TEMPERATURE, 133% INSULATION LEVEL

Conductor			Insulation in Mils	Overall Jacket in Mils	Size AWG Copper Ground Wire(s)	Approximate O.D. in Inches	Ampacity** 40°C Ambient	Approximate Net Weight LBS/KFT
Size AWG or KCMIL	No. of Strands	Nominal O.D.						

THREE CONDUCTOR 8000 VOLT SHIELDED

6*	7	0.18	140	110	8	1.54	93	1325
4*	7	0.23	140	110	8	1.64	122	1570
2	7	0.27	140	110	6	1.73	159	1960
1*	19	0.32	140	140	5	1.91	184	2395
1/0	19	0.34	140	140	4	1.94	211	2690
2/0	19	0.38	140	140	3	2.03	243	3120
3/0	19	0.42	140	140	2	2.13	279	3650
4/0	19	0.48	140	140	1	2.24	321	4300
250	37	0.52	140	140	1/0	2.37	355	4965
350	37	0.62	140	140	2/0	2.58	435	6340
500	37	0.74	140	170	4/0	2.94	536	8850

Note: **Based on one three conductor cable in free air per ICEA/NEMA.

The above data is approximate and subject to normal manufacturing tolerances.

STANDARDS AND RATINGS:

1. Listed for CFR 30 Part 7K per MSHA.
2. Cable UL listed as Type MP-GC. (PVC & CPE Jacketed)
3. Conductors and materials conform to UL 1072.
4. Conductors and materials conform to ICEA S-93-639.
5. Conforms to ICEA S-75-381/NEMA WC58 Portable and Power Feeder Cables for Use in Mines and Similar Applications.

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