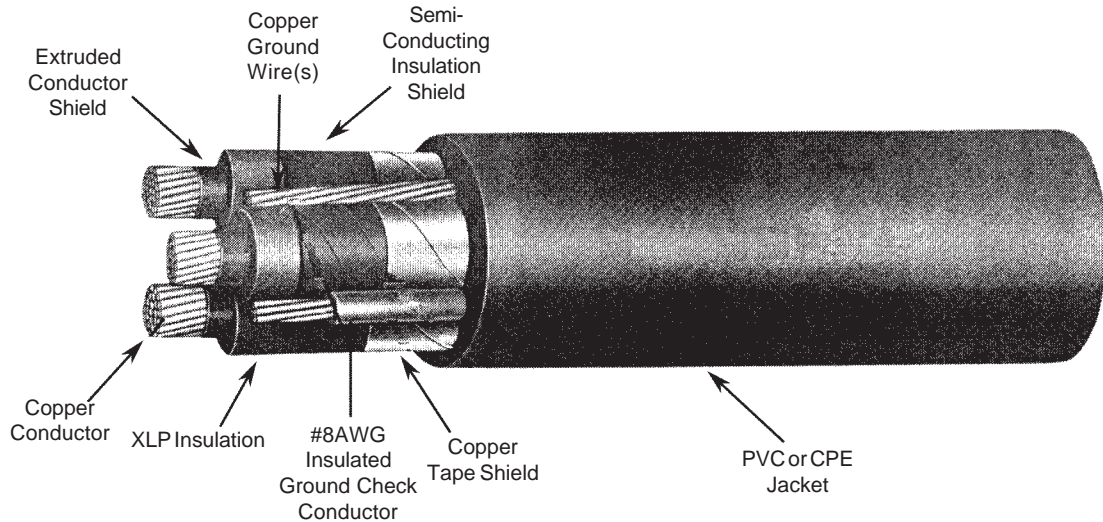


**MINE POWER FEEDER CABLE, TYPE MP-GC, 5000 VOLT,
XLP, 90°C CONDUCTOR TEMPERATURE**

SPEC 4-13-1
Ver. 7.0
Revised: 05/24/06



90°C CONDUCTOR TEMPERATURE, 100% OR 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 5000 VOLT SHIELDED

| | | | | | | | | |
|-----|----|------|----|-----|-----|------|-----|------|
| 6* | 7 | 0.18 | 90 | 110 | 8 | 1.31 | 93 | 1055 |
| 4* | 7 | 0.23 | 90 | 110 | 8 | 1.41 | 122 | 1280 |
| 2 | 7 | 0.27 | 90 | 110 | 6 | 1.51 | 159 | 1650 |
| 1* | 19 | 0.32 | 90 | 110 | 5 | 1.62 | 184 | 1950 |
| 1/0 | 19 | 0.34 | 90 | 110 | 4 | 1.65 | 211 | 2240 |
| 2/0 | 19 | 0.38 | 90 | 110 | 3 | 1.74 | 243 | 2645 |
| 3/0 | 19 | 0.42 | 90 | 140 | 2 | 1.90 | 279 | 3260 |
| 4/0 | 19 | 0.48 | 90 | 140 | 1 | 2.01 | 321 | 3890 |
| 250 | 37 | 0.52 | 90 | 140 | 1/0 | 2.14 | 355 | 4530 |
| 350 | 37 | 0.62 | 90 | 140 | 2/0 | 2.35 | 435 | 5865 |
| 500 | 37 | 0.74 | 90 | 140 | 4/0 | 2.61 | 536 | 8060 |

Note: **Based on one three conductor cable in free air per ICEA/NEMA. The above data is approximate and subject to normal manufacturing tolerances.
*Compressed conductors.

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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