

# MINE POWER FEEDER

XLP-PVC - 5000 VOLT, 8000 VOLT AND 15000 VOLT - UL 90°C to -40°C

## Construction

### Conductors:

- Bare, annealed copper per ASTM B-3.
- Concentric stranded per ASTM B-8.

### Conductor Shielding:

- Extruded semi-conducting compound.

### Insulation:

- 90°C cross-linked polyethylene (XLP).
- ICEA S-75-381.

### Insulation Shield:

- Extruded semi-conducting compound.
- Bare copper tape (.003").

### Color Code:

- Printed Black, White, Red.

### Ground Wires:

- Uninsulated, annealed stranded bare copper.

### Ground Check:

- Annealed stranded bare copper, separator, yellow XLP insulation.

### Cabling:

- Three shielded conductors are assembled round with two uninsulated ground wires, one yellow insulated ground check and jute fillers as needed.

### Cable Reinforcement:

- An open yarn reinforcement is applied over the assembly for mechanical strength.

### Jacket:

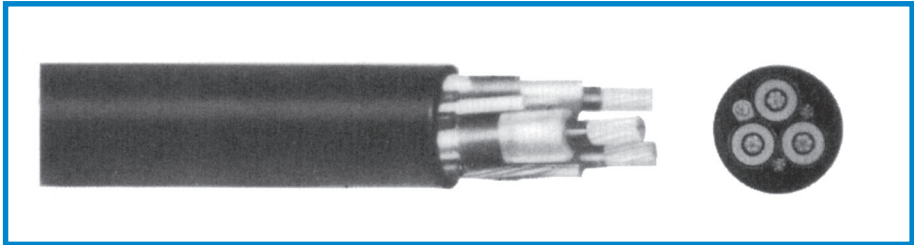
- Black flame retardant PVC ICEA S-75-381.

### Features:

- Meets ICEA requirements (except uncoated grounds).
- OSHA acceptable.
- MSHA accepted.
- Passes MSHA flame test.
- Excellent heat and moisture resistance.
- Resistant to most oils and chemicals.
- Flame retardant.
- UL listed.

### Applications:

- Designed for use in high voltage distribution circuits for permanent (or semi-portable) installations in bore holes, shafts, open pits, strip mines and tunnels.



CUSTOM CATALOG NUMBER	SIZE	STRAND	NOM. THICKNESS (INCHES)		GROUND WIRES (2)	GROUND CHECK	NOMINAL O.D.	CURRENT	NOMINAL WEIGHT
	AWG/MCM		INSUL.	JACKET	AWG/MCM	AWG	INCHES	AMPS*	LBS/MFT
<b>TYPE MP-GC — THREE CONDUCTOR — 5,000 VOLTS - ICEA-UL</b>									
25501	6	7	0.090	0.110	10	10	1.320	93	980
25502	4	7	0.090	0.110	8	8	1.425	122	1265
25503	2	7	0.090	0.110	6	8	1.545	159	1610
25504	1	19	0.090	0.110	5	8	1.676	184	1940
25505	1/0	19	0.090	0.110	4	8	1.750	211	2265
25506	2/0	19	0.090	0.140	3	8	1.870	243	2670
25507	3/0	19	0.090	0.140	2	8	2.040	279	3270
25508	4/0	19	0.090	0.140	1	8	2.110	321	3920
25509	250	37	0.090	0.140	1/0	8	2.275	355	4660
25510	350	37	0.090	0.140	2/0	8	2.500	435	6130
25511	500	37	0.090	0.170	4/0	8	2.820	536	8240
<b>TYPE MP-GC — THREE CONDUCTOR — 8,000 VOLTS - ICEA-UL</b>									
25520	6	7	0.115	0.110	10	10	1.430	93	1090
25521	4	7	0.115	0.110	8	8	1.540	122	1325
25522	2	7	0.115	0.110	6	8	1.670	159	1775
25523	1	19	0.115	0.110	5	8	1.885	184	2065
25524	1/0	19	0.115	0.110	4	8	1.970	211	2085
25525	2/0	19	0.115	0.140	3	8	2.000	243	2950
25526	3/0	19	0.115	0.140	2	8	2.175	279	3605
25527	4/0	19	0.115	0.140	1	8	2.225	321	4245
25528	250	37	0.115	0.140	1/0	8	2.415	355	4980
25529	350	37	0.115	0.140	2/0	8	2.640	435	6280
25530	500	37	0.115	0.170	4/0	8	3.035	536	8470
<b>TYPE MP-GC — THREE CONDUCTOR — 15,000 VOLTS - ICEA-UL</b>									
25531	2	7	0.175	0.110	6	8	1.990	164	2235
25532	1	19	0.175	0.110	5	8	2.065	187	2665
25533	1/0	19	0.175	0.110	4	8	2.150	215	3020
25534	2/0	19	0.175	0.140	3	8	2.245	246	3520
25535	3/0	19	0.175	0.140	2	8	2.355	283	4130
25536	4/0	19	0.175	0.140	1	8	2.470	325	4895
25537	250	37	0.175	0.140	1/0	8	2.600	359	5400
25538	350	37	0.175	0.140	2/0	8	2.910	438	6730
25539	500	37	0.175	0.170	4/0	8	3.190	502	8515

<sup>1</sup> Ampacities (Amps per conductor) are based on 40°C ambient temperature in air, 90°C conductor temperature.

NOTE: Also available in EPR/Neoprene or EPR/CPE. Check factory for pricing and availability.

# Custom Cable Corp.



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