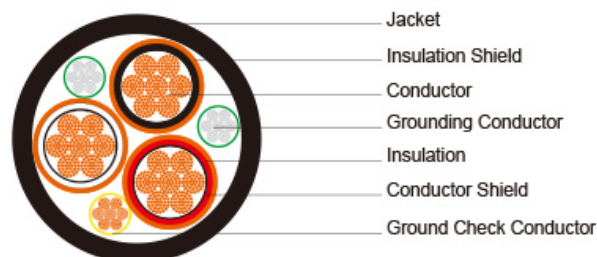


**Type MP-GC Three-Conductor Mine Power
Feeder Cable, PVC Jacket, 8kV**



Applications	These cables are designed for connections between units of mine distribution systems, suitable for installed in duct, conduit or open air and for direct burial in wet and dry locations.
Standards	ICEA S-75-381/NEMA WC 58 ASTM B-8 CAN/CSA-C22.2 No.96
Construction	
Conductors	Stranded annealed bare copper conductor.
Conductor Shield	Conducting layer.
Insulation	Cross-Linked Polyethylene (XLPE).
Insulation Shield	Conducting layer + copper tape.
Ground Check Conductor	Copper conductor with a yellow polypropylene insulation.
Grounding Conductor	Tinned copper conductor.
Jacket	Polyvinyl Chloride (PVC), black.
Options	Other jacket materials such as CSP/PCP/NBR/PVC are available upon request. Two-layer jacket with reinforcing fibre between the two layers can be offered as an option.
Mechanical and Thermal Properties	Minimum Bending Radius: 12×OD Maximum Operating Temperature: +90°C

Dimensions and Weight:

Construction	No. of Strands	Grounding Conductor Size	Ground Check Conductor Size	Nominal Insulation Thickness	Nominal Jacket Thickness	Nominal Overall Diameter	Nominal Weight	Ampacity
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No. of cores×AWG/kc mil	-	AWG/kc mil	AWG/kc mil	inch	m m	inc h	m m	inc h	mm	lbs/k ft	kg/k m	A
3×4	7	8	8	0.11 5	2.9	0.1 1	2.8	1.5 2	38. 6	1366	2032	122
3×2	7	6	8	0.11 5	2.9	0.1 1	2.8	1.5 8	40. 1	1727	2569	159
3×1	19	5	8	0.11 5	2.9	0.1 1	2.8	1.6 6	42. 2	2174	3234	184
3×1/0	19	4	8	0.11 5	2.9	0.1 1	2.8	1.7 4	44. 2	2656	3952	211
3×2/0	19	3	8	0.11 5	2.9	0.1 4	3.6	1.9 0	48. 3	2895	4307	243
3×3/0	19	2	8	0.11 5	2.9	0.1 4	3.6	2.0 0	50. 8	3320	4950	279
3×4/0	19	1	8	0.11 5	2.9	0.1 4	3.6	2.1 2	53. 8	3983	5926	321
3×250	37	1/0	8	0.11 5	2.9	0.1 4	3.6	2.2 2	56. 4	4484	6671	355
3×350	37	2/0	8	0.11 5	2.9	0.1 4	3.6	2.4 3	61. 7	5827	8669	435
3×500	37	4/0	8	0.11 5	2.9	0.1 4	3.6	2.7 0	68. 6	7893	1174 3	536

Ampacity-Based on a conductor temperature of 90°C and an ambient air temperature of 40°C, per ICEA S-75-381.