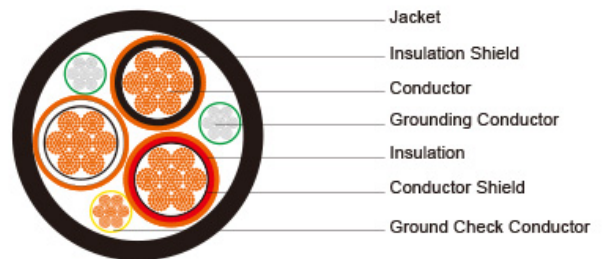


**Type MP-GC Three-Conductor Mine Power
Feeder Cable, CPE Jacket, 25kV**



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	Ethylene Propylene Rubber (EPR).
Insulation Shield	Conducting layer + copper tape.
Ground Check Conductor	Copper conductor with a yellow polypropylene insulation.
Grounding Conductor	Tinned copper conductor.
Jacket	Chlorinated Polyethylene(CPE), 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/kf t	kg/k m	A
3×1	19	5	8	0.26 0	6.4	0.1 4	3.6	2.3 7	60. 2	3435	5112	187
3×1/0	19	4	8	0.26 0	6.4	0.1 4	3.6	2.4 5	62. 2	3815	5677	218
3×2/0	19	3	8	0.26 0	6.4	0.1 4	3.6	2.5 4	64. 5	4290	6384	249
3×3/0	19	2	8	0.26 0	6.4	0.1 4	3.6	2.6 5	67. 3	4875	7255	286
3×4/0	19	1	8	0.26 0	6.4	0.1 4	3.6	2.8 1	71. 4	5665	8430	327
3×250	37	1/0	8	0.26 0	6.4	0.1 7	4.3	2.9 7	75. 4	6495	9666	360
3×350	37	2/0	8	0.26 0	6.4	0.1 7	4.3	3.1 8	80. 8	7970	1186 0	438
3×500	37	4/0	8	0.26 0	6.4	0.1 7	4.3	3.4 5	87. 6	1030 0	1532 8	536

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