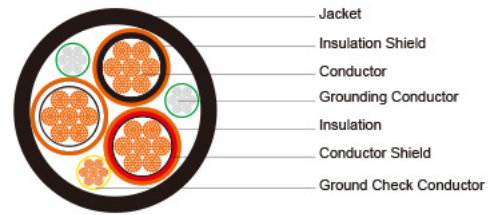


**Type MP-GC Three-Conductor Mine Power
Feeder Cable, CPE Sheath, 8kV**



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	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
				inc	m	inc	m	inc	m	lbs/k	kg/k	
No. of cores×AWG/k	-	AWG/kcmil	AWG/kcmil	inc	m	inc	m	inc	m	lbs/k	kg/k	A
		mil		h	m	h	m	h	m	ft	m	

cmil												
3×6	7	10	8	0.0 9	2.3	0.1 1	2.8	1.3 0	33. 0	106 0	1577	93
3×4	7	8	8	0.0 9	2.3	0.1 1	2.8	1.4 1	35. 8	144 1	2144	122
3×2	7	6	8	0.0 9	2.3	0.1 1	2.8	1.4 7	37. 3	182 7	2718	159
3×1	19	5	8	0.0 9	2.3	0.1 1	2.8	1.5 4	39. 1	216 8	3226	184
3×1/0	19	4	8	0.0 9	2.3	0.1 1	2.8	1.6 3	41. 4	260 2	3871	211
3×2/0	19	3	8	0.0 9	2.3	0.1 1	2.8	1.7 2	43. 7	301 0	4478	243
3×3/0	19	2	8	0.0 9	2.3	0.1 4	3.6	1.8 9	48. 0	326 5	4859	279
3×4/0	19	1	8	0.0 9	2.3	0.1 4	3.6	2.0 1	51. 0	419 0	6234	321
3×250	37	1/0	8	0.0 9	2.3	0.1 4	3.6	2.1 0	53. 3	482 5	7179	355
3×350	37	2/0	8	0.0 9	2.3	0.1 4	3.6	2.3 1	58. 7	606 2	9019	435
3×500	37	4/0	8	0.0 9	2.3	0.1 4	3.6	2.5 9	65. 8	842 7	1253 8	536

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