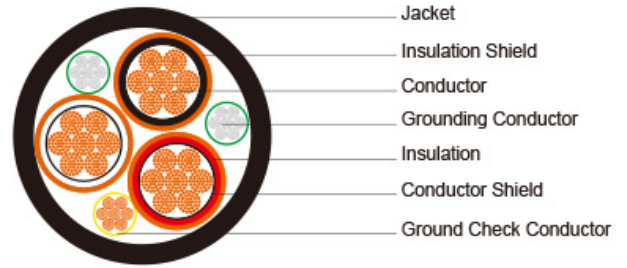


Type MP-GC Three-Conductor Mine Power Feeder Cable, PVC Jacket, 15kV



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.
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
3×2	7	6	8	0.17 5	4.4	0.1 4	3.6	1.9	48. 3	2021	3007	164
3×1	19	5	8	0.17 5	4.4	0.1 4	3.6	1.9 9	50. 6	2503	3724	187
3×1/0	19	4	8	0.17 5	4.4	0.1 4	3.6	2.0 7	52. 6	2658	3955	215
3×2/0	19	3	8	0.17 5	4.4	0.1 4	3.6	2.1 6	54. 9	3066	4562	246
3×3/0	19	2	8	0.17 5	4.4	0.1 4	3.6	2.2 7	57. 7	3710	5530	283
3×4/0	19	1	8	0.17 5	4.4	0.1 4	3.6	2.3 9	60. 7	4369	6500	325
3×250	37	1/0	8	0.17 5	4.4	0.1 4	3.6	2.4 8	63	4875	7253	359
3×350	37	2/0	8	0.17 5	4.4	0.1 4	3.6	2.7	68. 6	6412	9540	438
3×500	37	4/0	8	0.17 5	4.4	0.1 7	4.3	3.0 8	78. 2	8610	1281 0	536

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