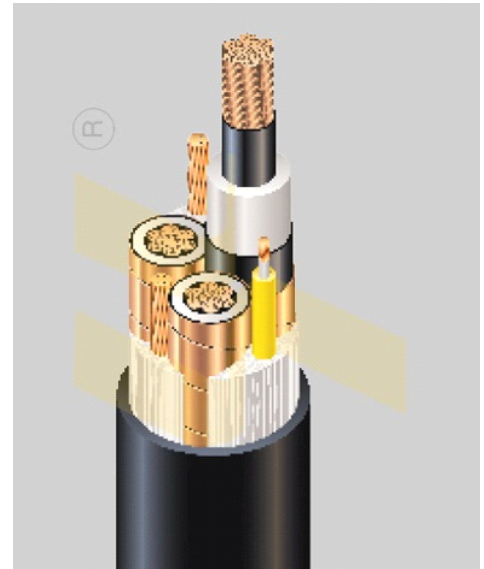


5kV/8kV/15kV XLPE Insulated Mining Cable, Type MP-GC



Construction: The tinned copper conductor is covered by an extruded semi-conducting compound. Insulation is cross-linked polyethylene(XLPE) with an extruded semi-conducting compound. There is a copper tape over each conductor as metal shield. Identification of power conductors are black, white and red. The ground check conductor is yellow. The grounding conductor is bare annealed copper. Three shielded conductors are assembled round in a helical configuration with two uninsulated ground wires, one yellow insulated ground check. and sheathed with black PVC.



Application : Type MP-GC cable is suitable for use in medium voltage distribution circuits for permanent installations in bore holes, shafts, open pits, strip mines and tunnels.



Rated Voltage: 5kV/8kV/15kV.



Operating Temperature: Max permissible continuous operating temperature of conductor shall not exceed 90°C.



Bending Radius: 12D, D = Actual outer diameter of cable (mm)



Standard: ASTM B3, ASTM B33, ICEA S-75-381 or other standards required by customers.



Packing: Steel/Wooden Reel, Wooden Reel or Steel Reel.

5kV XLPE Insulated Mining Cable, Type MP-GC

Power conductor			Grounding Conductor		Ground Check Conductor			Sheath Thickness	Approx. Overall Diameter
Conductor Size		Insulation Thickness	Conductor Size		Conductor Size		Insulation Thickness		
AWG/MCM	mm ²	In.	AWG/MCM	mm ²	AWG/MCM	mm ²	In.	In.	In.
4	21.2	0.090	8	8.37	8	8.37	0.045	0.110	1.425
2	33.6	0.090	6	13.3	8	8.37	0.045	0.110	1.567
1	42.4	0.090	5	16.8	8	8.37	0.045	0.110	1.654
1/0	53.5	0.090	4	21.2	8	8.37	0.045	0.110	1.760
2/0	67.4	0.090	3	26.7	8	8.37	0.045	0.110	1.878
4/0	107.2	0.090	1	42.4	8	8.37	0.045	0.140	2.161
250	127	0.090	1/0	53.5	8	8.37	0.045	0.140	2.299
350	177	0.090	2/0	67.4	8	8.37	0.045	0.140	2.539
500	253	0.090	4/0	107.0	8	8.37	0.045	0.140	2.850

8kV XLPE Insulated Mining Cable, Type MP-GC

Power conductor			Grounding Conductor		Ground Check Conductor			Sheath Thickness	Approx. Overall Diameter
Conductor Size		Insulation Thickness	Conductor Size		Conductor Size		Insulation Thickness		
AWG/MCM	mm ²	In.	AWG/MCM	mm ²	AWG/MCM	mm ²	In.	In.	In.
4	21.2	0.115	8	8.37	8	8.37	0.045	0.110	1.543
2	33.6	0.115	6	13.3	8	8.37	0.045	0.110	1.673
1	42.4	0.115	5	16.8	8	8.37	0.045	0.110	1.783
1/0	53.5	0.115	4	21.2	8	8.37	0.045	0.140	1.890
2/0	67.4	0.115	3	26.7	8	8.37	0.045	0.140	2.031
4/0	107.2	0.115	1	42.4	8	8.37	0.045	0.140	2.291
250	127	0.115	1/0	53.5	8	8.37	0.045	0.140	2.429
350	177	0.115	2/0	67.4	8	8.37	0.045	0.140	2.657
500	253	0.115	4/0	107.0	8	8.37	0.045	0.140	2.969

15 kV XLPE Insulated Mining Cable, Type MP-GC

Power conductor			Grounding Conductor		Ground Check Conductor			Sheath Thickness	Approx. Overall Diameter
Conductor Size		Insulation Thickness	Conductor Size		Conductor Size		Insulation Thickness		
AWG/MCM	mm ²	In.	AWG/MCM	mm ²	AWG/MCM	mm ²	In.	In.	In.
2	33.6	0.175	6	13.3	8	8.37	0.045	0.140	2.031
1	42.4	0.175	5	16.8	8	8.37	0.045	0.140	2.138
1/0	53.5	0.175	4	21.2	8	8.37	0.045	0.140	2.213
2/0	67.4	0.175	3	26.7	8	8.37	0.045	0.140	2.323
4/0	107.2	0.175	1	42.4	8	8.37	0.045	0.140	2.591
250	127	0.175	1/0	53.5	8	8.37	0.045	0.140	2.701
350	177	0.175	2/0	67.4	8	8.37	0.045	0.140	2.969
500	253	0.175	4/0	107.0	8	8.37	0.045	0.170	3.346