

Mine Power Feeder Cable

90°C, 5kV/8kV/15kV

Construction

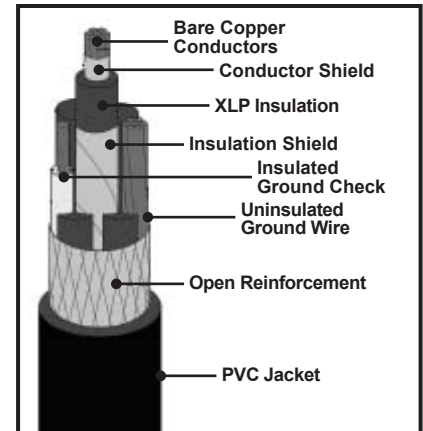
Bare stranded copper, extruded semi-conductor shield, XLP insulation, extruded insulation shield, ground and ground check conductors, jute fillers, cable reinforcement and black PVC jacket.

Specifications

- UL Listed
- OSHA and MSHA acceptable
- Passes MSHA Flame Test
- Meets ICEA requirements

Applications

For use in high-voltage distribution circuits for permanent or semi-portable installations in bore holes, shafts, open pits, strip mines and tunnels.



Power Conductor			Grounding Conductors		Ground Check		Nominal O.D.(in)	Amps	Approx. Ship. Weight (lbs/M-ft)
AWG or kcmils	No. of Strands	Insulation Thickness (in)	AWG	Strands	AWG	Insulation Thickness (in)			
5kV - 100% & 133% Insulation Level - ES-13139									
6	7	.09	10	7 x .0385	10	.030	1.235	93	991
4	7	.09	8	7 x .0486	8	.045	1.320	122	1,197
2	7	.09	6	7 x .0612	8	.045	1.460	159	1,653
2/0	19	.09	3	7 x .0867	8	.045	1.690	243	2,591
4/0	19	.09	1	19 x .0664	8	.045	1.950	321	3,806
250	37	.09	1/0	19 x .0745	8	.045	2.075	355	4,660
350	37	.09	2/0	19 x .0837	8	.045	2.285	435	6,130
500	37	.09	4/0	19 x .1055	8	.045	2.550	536	8,240
8kV - 100% Insulation Level - ES-13140									
6	7	.115	10	7 x .0385	10	.030	1.350	93	1,077
4	7	.115	8	7 x .0486	8	.045	1.445	122	1,290
2	7	.115	6	7 x .0612	8	.045	1.565	159	1,710
1	19	.115	5	7 x .0688	8	.045	1.630	184	1,996
2/0	19	.115	3	7 x .0867	8	.045	1.850	243	2,857
4/0	19	.115	1	19 x .0664	8	.045	2.070	321	3,946
250	37	.115	1/0	19 x .0745	8	.045	2.190	355	4,980
350	37	.115	2/0	19 x .0837	8	.045	2.400	435	6,280
500	37	.115	4/0	19 x .1055	8	.045	2.700	536	8,470
15kV - 100% Insulation Level - ES-13141									
2	7	.175	6	7 x .0612	8	.045	1.875	164	2,117
1	19	.175	5	7 x .0688	8	.045	1.940	187	2,477
1/0	19	.175	4	7 x .0772	8	.045	2.025	215	2,742
2/0	19	.175	3	7 x .0867	8	.045	2.110	246	3,130
4/0	19	.175	1	19 x .0664	8	.045	2.330	325	4,385
250	37	.175	1/0	19 x .0745	8	.045	2.450	359	5,400
350	37	.175	2/0	19 x .0837	8	.045	2.700	438	6,730
500	37	.175	4/0	19 x .0940	8	.045	3.050	502	8,515

Information based on AIW specs.