



POWER KABEL INC.

PORTABLE POWER CABLE TYPE SHD-GC 2-15KV EPR CR 90°C MSHA MINIMG GRADE

APPLICATIONS & FEATURES

Use on AC off track equipment such as long wall miners loaders, drills, shovels, conveyors, pumps and mobile equipment requiring grounding conductors and a ground check conductor and metallic shielding overall. Other industrial, mining applications. Excellent flexibility. Highly ozone, sun, weather and flame resistant. Rated and flexible at -40°C. Excellent impact and abrasion resistant. Oil and heat resistant. Indent printed for easy identification.

INDUSTRY COMPLIANCES

ICEA S-75-381, NEMA WC58

CONSTRUCTION

CONDUCTORS:	Soft drawn flexible stranded tinned copper wires
CONDUCTOR SHIELD:	Polyester tape
INSULATION:	Ethylene-propylene rubber (EPR)
INSULATION SHIELD:	Non-conducting bedding tape + composite tinned copper/polyamide braid. Covering minimum 60%
GROUND:	Soft drawn flexible stranded tinned copper wires
GROUND CHECK:	Yellow PP insulated soft drawn flexible stranded tinned copper wires
ASSEMBLY:	Three power, ground check and two non-insulated grounding conductors cabled together to form a round cable core
JACKET:	Black Extra heavy duty, high torsion resistant, integral-filled, reinforced poly-chloroprene (CR) thermosetting jacket

AWG/No of CONDUCTORS	STRANDS	GROUND (AWG)	GROUND CHECK (AWG)	INSULATION THICKNESS (INCHES)	JACKET THICKNESS (INCHES)	OUTSIDE DIAMETER (INCHES)	NET WEIGHT (LBS/1000 FT)
2KV							
8/3	133	10	12	0.070	0.155	1.07	764
6/3	133	10	10	0.070	0.155	1.24	1038
4/3	259	8	10	0.070	0.155	1.35	1331
2/3	259	6	8	0.070	0.170	1.53	1816
1/3	259	5	8	0.080	0.190	1.69	2226
1/0-3	266	4	8	0.080	0.190	1.79	2605
2/0-3	342	3	8	0.080	0.205	1.92	3121
3/0-3	418	2	8	0.080	0.205	2.05	3674
4/0-3	532	1	8	0.080	0.220	2.22	4439
250/3	627	1/0	8	0.095	0.220	2.41	5167
300/3	740	1/0	8	0.095	0.235	2.57	5879
350/3	888	2/0	8	0.095	0.235	2.69	6591
500/3	1221	4/0	8	0.095	0.265	3.05	9178
5KV							
6/3	133	10	8	0.110	0.185	1.51	1383
4/3	259	8	8	0.110	0.185	1.62	1733
2/3	259	6	8	0.110	0.205	1.81	2271
1/3	259	5	8	0.110	0.205	1.88	2536
1/0-3	266	4	8	0.110	0.220	2.00	2974
2/0-3	342	3	8	0.110	0.220	2.12	3504
3/0-3	418	2	8	0.110	0.235	2.27	4117
4/0-3	532	1	8	0.110	0.235	2.40	4844
250/3	627	1/0	8	0.120	0.250	2.59	5602
350/3	888	2/0	8	0.120	0.265	2.83	7152
500/3	1221	4/0	8	0.120	0.280	3.18	9508
8KV							
1/0-3	266	4	8	0.150	0.220	2.23	3450
2/0-3	342	3	8	0.150	0.235	2.37	4045
4/0-3	532	1	8	0.150	0.250	2.63	5413
250/3	627	1/0	8	0.150	0.250	2.78	6096
350/3	888	2/0	8	0.150	0.280	3.06	7801
500/3	1221	4/0	8	0.150	0.295	3.41	10237

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15KV							
2/3	259	6	8	0.210	0.235	2.31	3264
1/3	259	5	8	0.210	0.235	2.42	3644
1/0-3	266	4	8	0.210	0.250	2.53	4110
2/0-3	342	3	8	0.210	0.250	2.62	4625
3/0-3	418	2	8	0.210	0.265	2.78	5332
4/0-3	532	1	8	0.210	0.265	2.92	6141
250/3	627	1/0	8	0.210	0.265	2.97	7082
350/3	888	2/0	8	0.210	0.280	3.26	8364

All values are nominal and subject to correction.