



POWER KABEL INC.

MULTI-CONDUCTOR TYPE W 2KV EPR/CPE 90°C PORTABLE POWER CABLE

APPLICATIONS & FEATURES

Portable power systems. Mining applications where bare grounding conductors are not required. Excellent flexibility. Highly ozone, sun, weather and flame resistant. Rated and flexible at -40°C to +90°C. Excellent impact and abrasion resistant. Oil and heat resistant. Indent printed for easy identification.

INDUSTRY COMPLIANCES

ASTM B-33, UL 44, UL 1650, CSA C22.2 No.96-17, Oil Resistant Oil Resistant Inners, Sunlight resistant 90 C Wet or Dry, FT1, FT5 - 40°C to +90°C

CONSTRUCTION

CONDUCTORS:	Soft drawn flexible stranded tinned copper wires
SEPERATOR:	Separator between conductor and insulation
INSULATION:	Ethylene-propylene rubber (EPR)
SEPARATOR:	Single faced rubber filled binder tape applied over core
JACKET:	Black heavy duty CPE thermosetting compound.

AWG/No of CONDUCTORS	STRANDS	INSULATION THICKNESS (INCHES)	OUTSIDE DIAMETER (INCHES)	NET WEIGHT (LBS/1000 FT)
3 CONDUCTOR				
8/3	133	0.06	0.96	565
6/3	259	0.06	1.03	698
4/3	259	0.06	1.14	944
2/3	259	0.06	1.29	1306
1/3	259	0.06	1.46	1639
1/0-3	266	0.08	1.59	1991
2/0-3	342	0.08	1.69	2380
3/0-3	418	0.08	1.81	2808
4/0-3	532	0.08	1.96	3425
250/3	627	0.095	2.29	4258
350/3	888	0.095	2.57	5650
500/3	1221	0.095	2.9	7445
4 CONDUCTOR				
8/4	133	0.06	0.98	626
6/4	259	0.06	1.1	831
4/4	259	0.06	1.22	1134
2/4	259	0.06	1.44	1661
1/4	259	0.06	1.59	2035
1/0-4	266	0.08	1.7	2423
2/0-4	342	0.08	1.85	2993
3/0-4	418	0.08	1.96	3476
4/0-4	532	0.08	2.15	4340
250-4	627	0.095	2.53	5381
350/4	888	0.095	2.83	7137
500/4	1221	0.095	3.24	9507

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AWG/No of CONDUCTORS	STRANDS	INSULATION THICKNESS (INCHES)	OUTSIDE DIAMETER (INCHES)	NET WEIGHT (LBS/1000 FT)
5 CONDUCTOR				
8/5	133	0.06	1.03	698
6/5	259	0.06	1.2	978
4/5	259	0.06	1.37	1406
2/5	259	0.06	1.56	1967
1/5	259	0.06	1.81	2567
1/0-5	266	0.08	1.94	3045
2/0-5	342	0.08	2.02	3585
3/0-5	418	0.08	2.23	4353
4/0-5	532	0.08	2.35	5221
6 CONDUCTOR				
6/6	259	0.06	1.3	1163

All values are nominal and subject to correction.