



POWER KABEL INC.

TYPE G 2000V 90°C PORTABLE POWER CABLE

APPLICATIONS & FEATURES

Use on AC off track equipment such as miners, shuttle cars, cutting machines, drills, conveyors and pumps. Power to open pit strip and deep mines. Other industrial applications. Excellent flexibility. Water resistant and flame resistant. Rated and flexible at -40°C to +90°C. Excellent impact and abrasion resistant. Ozone, sunlight, oil, grease weather and chemical resistant.

INDUSTRY COMPLIANCES

UL - Oil Resistant Oil Resistant Inners, Sunlight resistant 90°C Wet or Dry C(UL- FT1, FT5 -40°C to +90°C

CONSTRUCTION

- CONDUCTORS:** Annealed flexible stranded tin copper
- SEPERATOR:** Tape separator between conductor and insulation
- INSULATION:** Ethylene-propylene rubber (EPR)
- GROUND:** Annealed flexible stranded tin copper. Green EPR insulation over conductors
- ASSEMBLY:** Four power and four grounding conductors cabled together to form a round core
- REINFORCEMENT:** Single faced rubber filled binder tape over core
- JACKET:** Black heavy duty CPE thermosetting compound.

AWG	STRANDS	GROUND (AWG)	INSULATION THICKNESS (INCHES)	OUTSIDE DIAMETER (INCHES)	NET WEIGHT (LBS/1000 FT)
8	133	12	0.06	0.98	679
6	259	12	0.06	1.1	890
4	259	10	0.06	1.22	1226
3	259	10	0.06	1.29	1419
2	259	9	0.06	1.44	1782
1	259	8	0.08	1.59	2184
1/0	266	7	0.08	1.7	2611
2/0	342	6	0.08	1.85	3256
3/0	418	5	0.08	1.96	3778
4/0	532	4	0.08	2.15	4655
250	627	3	0.095	2.53	5844
350	888	1	0.095	2.83	7924
500	1221	1/0	0.095	3.24	10522

All values are nominal and subject to correction.