



POWER KABEL INC.

1C TYPE W 2KV EPR/CPE BRAID 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 $+90^{\circ}\text{C}$. 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 $+90^{\circ}\text{C}$

CONSTRUCTION

CONDUCTORS: Extra flexible stranded bare copper
SEPERATOR: Separator between conductor and insulation
INSULATION: Ethylene-propylene rubber (EPR)
REINFORCEMENT: An open reinforcing braid over insulation
JACKET: Black heavy duty CPE thermosetting compound.

AWG	STRANDS	INSULATION THICKNESS (INCHES)	OUTSIDE DIAMETER (INCHES)	NET WEIGHT (LBS/1000 FT)
8	162	0.06	0.44	131
6	264	0.06	0.52	193
4	418	0.06	0.56	255
2	660	0.06	0.65	365
1	836	0.08	0.72	454
1/0	1056	0.08	0.75	529
2/0	1320	0.08	0.8	626
3/0	1672	0.08	0.86	755
4/0	2090	0.08	0.91	965
250	2496	0.095	0.98	1064
350	3416	0.095	1.11	1409
500	4880	0.095	1.28	1913
750	7252	0.11	1.54	2810
800	7770	0.11	1.56	3021

All values are nominal and subject to correction.