

PORTABLE POWER CABLE

DLO & Industrial Motor Lead Cable

Single Conductor DLO - UL Listed
14 AWG - 1111 KCMIL • 2000 Volts • 90°C



FEATURES

- Rated 90°C wet or dry per UL 44/CSA C.22.2-38
- Flexible tinned copper stranding
- Excellent resistance to oils, gear lubricants, ozone, sunlight, heat and flame
- Designed to withstand continuous flexing



SCOPE

This specification covers 2000 volt rated single conductor power cables having flexible stranded conductors insulated with ethylene propylene rubber (EPR) with a black thermoset jacket.

APPLICATIONS

- For use up to 2000 V as power cables in wind turbine generator applications per UL Subject 6140
- Diesel electric locomotives
- Mining and earth-moving equipment
- General purpose use as flexible power leads
- Flexible power leads in cable trays in sizes 1/0 AWG and larger
- Accepted for listing as flame-resistant by MSHA

CONSTRUCTION

DLO • 2000 VOLT • 90°C

Conductor

14 AWG -1111 KCMIL
 Class I fully annealed flexible stranded tin coated copper per AAR 589

Insulation

Flame-retardant, lead-free Ethylene Propylene (EP) with separator tape over the conductor to facilitate stripping

Jacket

Black, flame-retardant, sunlight-, ozone-and oil-resistant, lead-free Cross-linked Chlorinated Polyethylene (CPE)
 Colors available upon request

Maximum Bend Radius

8X O.D. for fixed installations or mobile applications

COMPLIANCES

Industry Compliances

- Type RHH/RHW-2 per UL 44, UL File #E90494
- c(UL)US Type RW90 per CSA C.22.2-38, UL File # E90494
- National Electrical Code (NEC)
- ICEA S-95-658/NEM WC70
- "For CT Use" on 1/0 AWG and larger in accordance with NEC®
- Accepted for listing as flame resistant by MSHA
- RoHS Compliant

Flame Test Compliances

- UL 2556 VW-1
- IEEE 1202/CSA FT4 for sizes 1/0 AWG and larger

PART NUMBER	SIZE	STRANDING	COND. O.D.	INSULATION THICKNESS	JACKET THICKNESS	NOMINAL O.D.	AMPS ¹	SHIP WT. LBS./M FT
DLO • 2000V • 90°C								
05-1175	14	19/.0147	.070	.045	.015	.20	35	30
05-1177	12	19/.0185	.088	.045	.015	.22	40	39
05-1179	10	27/.0201	.117	.045	.015	.25	55	56
05-1181	8	37/.0201	.144	.055	.030	.33	80	87
05-1183	6	61/.0201	.190	.060	.030	.38	105	131
05-1185	4	105/.0201	.262	.060	.030	.46	140	202
05-1187	2	158/.0201	.315	.060	.030	.51	190	285
05-1189	1	224/.0201	.375	.080	.045	.64	220	417
05-1193	1/0	280/.0201	.435	.080	.045	.70	260	494
05-1195	2/0	329/.0201	.465	.080	.045	.73	300	587
05-1197	3/0	456/.0201	.535	.080	.045	.80	350	718
05-1199	4/0	551/.0201	.581	.080	.045	.84	405	845
05-1201	262	650/.0201	.617	.090	.065	.94	455	1050
05-1203	313	777/.0201	.671	.090	.065	1.00	505	1195
05-1205	373	925/.0201	.735	.090	.065	1.06	570	1384
05-1207	444	1110/.0201	.786	.090	.065	1.11	615	1634
05-1209	535	1332/.0201	.877	.090	.065	1.20	700	1925
05-1211	646	1609/.0201	.960	.090	.065	1.29	780	2307
05-1213	777	1924/.0201	1.054	.090	.065	1.38	885	2728
05-1215	929	2318/.0201	1.230	.090	.065	1.56	985	3570
05-1217	1111	2745/.0201	1.328	.115	.095	1.77	1055	4232

¹ Ampacities (AMPS per conductor) are based on single conductor in free air, 30°C ambient temperature in air, 90°C conductor temperature and Table 310-17 of the N.E.C.

» Information on this sheet is subject to change without notice. All diameters are nominal values. All diameters and weights are subject to normal manufacturing tolerances.



PITTSBURGH WIRE & CABLE INC.

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Sales and Ordering: 1-800-458-1222