



DLO – Diesel Locomotive Cable 90°C 2000V

AWG Size	Area Circular (mils)	No. of Wires in Conductors	Insulation Thickness (mils)	Jacket Thickness (mils)	Overall Diameter (inches)	Net. Weight lbs./mft.	Ampacity (Amps) **
14	3831	19	0.045	30	0.240	34	32
12	6088	19	0.045	30	0.250	45	36
10	10910	27	0.045	30	0.290	68	55
8	14950	37	0.060	30	0.330	82	83
6	24640	61	0.060	30	0.400	125	109
5	36760	91	0.060	30	0.430	175	127
4	42420	105	0.060	30	0.450	195	145
2	60600	150	0.060	30	0.500	265	192
1	90900	225	0.080	45	0.640	425	223
1/0	111100	275	0.080	45	0.690	500	258
2/0	131300	325	0.080	45	0.730	570	298
3/0	181800	450	0.080	45	0.800	780	345
4/0	222200	550	0.080	45	0.860	890	400
262.6	262600	650	0.095	65	0.970	1100	458
313.1	313100	775	0.095	65	1.040	1280	514
373.7	373700	925	0.095	65	1.110	1500	574
444.4	444400	1100	0.095	65	1.180	1760	642
535.3	535300	1325	0.110	65	1.290	2110	725
646.4	646400	1591	0.110	65	1.380	2410	815
777.7	777700	1924	0.110	65	1.470	2930	910
929.2	929200	2299	0.110	65	1.580	3450	1025
1111.0	1111000	2745	0.110	65	1.740	4130	1143

All values are nominal and subject to correction

**Based on single conductor in free air, 90°C conductor temperature, 40°C ambient per ICEA S-75-381

- Application:** DLO - Diesel Locomotive Cable or DLO Cable is used for wiring of diesel-electric locomotives; railroad and transit cars; electrically driven earth moving equipment; as power supply to A.C. welding equipment ; as water heater leads; motor and power leads or in applications where flexibility and durability are required. For applications up to 2000 volts and for temperatures of -40°C to +90°C.
- Conductors:** DLO - Diesel Locomotive Cable has a flexible strand soft drawn tinned copper conductor per ASTM B33, B173 and B174.
- Insulation:** DLO - Diesel Locomotive Cable has ethylene propylene rubber EPR insulation.
- Jacket:** DLO - Diesel Locomotive Cable has an overall jacket of black chlorinated polyethylene CPE, which is naturally oil, moisture and abrasion resistant.
- Standards:** UL listed as RHH-RHW-2, CSA Listed as RW90
 UL1658 vertical flame test
 IEEE 383 70,000BTU flame test
 Size 1/0 & larger are rated for tray use
 ARR approved
 MSHA approved
 ICEA S-95-658
 NEMA WC-70