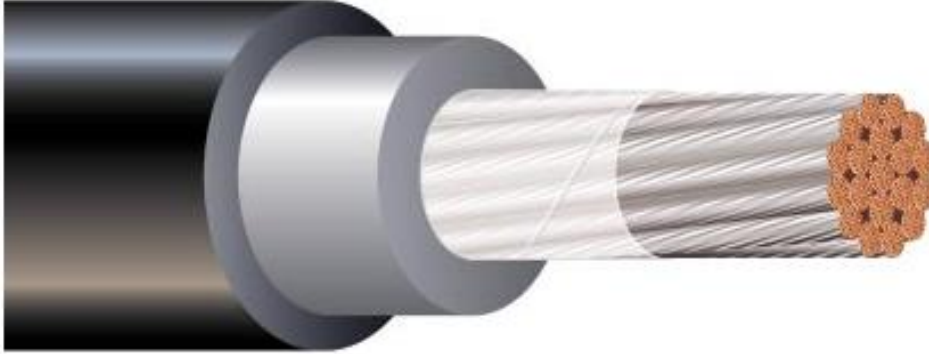


2KV Diesel Locomotive Cable

Diesel Locomotive Cable (DLO) Rated 2000 Volts. 90°C. CT Rated
UL Listed as Type RHH/RHW. CSA Certified as AWM IB 90°C
RoHS Compliant



APPLICATIONS

DLO is especially suited to supply power to traction motors of diesel-electric locomotives. It is also recommended as a portable cable for drilling rigs, on-shore or off-shore, railroad and transit car wiring, electric earth-moving equipment, in shipyard applications, arc welder supply leads, power and control jumper cable, telcom power supply and motor leads. The cable is suitable for use in wet or dry areas, conduits, ducts, troughs or trays, and where superior electrical properties are desired. The maximum continuous conductor temperature for normal operation is 90°C in dry locations and 75°C for wet. DLO resists oils, acids, alkalines, heat, flame, and has abrasion resistance.

SPECIFICATIONS

- Made in accordance with UL and CSA Standards
- MSHA accepted (P-07-KA090026-MSHA)
- RoHS Compliant
- UL listed as Type RHH-RHW per UL 44
- CSA Certified as Type RW90 1kV per C22.2 No.38
- Meets FT-4 and VW-1 Flame Tests

CONSTRUCTION

Southwire DLO Cables are manufactured in sizes 14 AWG through 929.2 KCMIL with stranded tinned annealed copper. A paper or polyester tape separates the conductor from the EPDM rubber insulation to aid in stripping. A black, heavy duty VIPER™ CPE sunlight resistant jacket is extruded over the insulation.

2KV Diesel Locomotive Cable

WEIGHTS, MEASUREMENTS AND PACKAGING									
AWG OR KCMIL	COND. STRAND	NOMINAL INSULATION THICKNESS		NOMINAL JACKET THICKNESS		NOMINAL OVERALL DIAMETER	CURRENT AMPS*		APPROX. NET WEIGHT
		in	mm	in	mm		(1)	(2)	
14	19/.0147	0.045	1.14	0.015	0.38	0.195	15	35	30
12	19/.0185	0.045	1.14	0.015	0.38	0.215	20	40	40
10	19/.0234	0.045	1.14	0.015	0.38	0.24	40	55	60
8	41/24	0.055	1.40	0.030	0.76	0.33	55	80	95
6	65/24	0.060	1.52	0.030	0.76	0.37	75	105	145
4	105/24	0.060	1.52	0.030	0.76	0.42	95	140	205
2	168/24	0.060	1.52	0.030	0.76	0.50	130	190	295
1	224/24	0.080	2.03	0.045	1.14	0.63	150	220	440
1/0	273/24	0.080	2.03	0.045	1.14	0.65	170	260	515
2/0	324/24	0.080	2.03	0.045	1.14	0.71	195	300	580
3/0	448/24	0.080	2.03	0.045	1.14	0.80	225	350	770
4/0	532/24	0.080	2.03	0.045	1.14	0.81	260	405	930
262.2	646/24	0.090	2.29	0.065	1.65	0.96	296	467	1130
313.3	775/24	0.090	2.29	0.065	1.65	1.03	326	522	1295
373.3	925/24	0.090	2.29	0.065	1.65	1.08	362	591	1545
444.4	1110/24	0.090	2.29	0.065	1.65	1.16	400	652	1820
535.3	1332/24	0.090	2.29	0.065	1.65	1.20	445	728	2195
646.4	1591/24	0.090	2.29	0.065	1.65	1.28	493	815	2560
777.7	1924/24	0.090	2.29	0.065	1.65	1.36	545	904	3050
929.2	2318/24	0.090	2.29	0.065	1.65	1.52	589	1115	4214

* (1) Ampacities based on 90°C Conductor and 30°C Ambient temperature based on Table 310.16 in the National Electrical Code. for not more than three current-carrying conductors in raceway, cable or earth.

(2) Ampacities based on single-conductor in free air, in accordance with National Electrical Code. Table 310.17.

** Actual shipping weight may vary.