

# 2KV Diesel Locomotive Cable



**90° C • DLO Rated 2000V**  
**CT Rated UL Listed as Type RHH/RHW-2**  
**CSA Certified as RW90 • 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 wet or dry locations. 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-2 per UL 44**
- **CSA Certified as Type RW90 1kV per C22.2 No.38**
- **Meets FT-4 / IEEE 1202 and VW-1 Flame Tests**
- **Oil Resistant / Sunlight Resistant / -40° C**

## CONSTRUCTION

**Electro Wire DLO Cables are manufactured in sizes 14 AWG through 1111.0 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 CPE sunlight resistant jacket is extruded over the insulation.**

### CHICAGO

933 E. Remington Rd  
Schaumburg, IL 60173  
847.944.1500

### BOSTON

100 Jytek Drive  
Leominster, MA 01453  
978.534.5300

### ATLANTA

5940 Cabot Parkway  
Alpharetta, GA 30005  
678.297.1080

### PHOENIX

1524 W 14th Street  
Tempe, AZ 85281  
623.478.8700

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Part Number	AWG or KCMIL	Conductor Strand	Nominal Insulation Thickness		Nominal Jacket Thickness		Nominal Overall Diameter IN	Current Amps		Approx. Net Weight LBS/1000' **
			IN	mm	IN	mm		(1)	(2)	
DLOC-014-001	14	19/0.0147	0.045	1.14	0.015	0.38	0.195	15	35	30
DLOC-012-001	12	19/0.0185	0.045	1.14	0.015	0.38	0.215	20	40	40
DLOC-010-001	10	19/0.0234	0.045	1.14	0.015	0.38	0.240	40	55	60
DLOC-008-001	8	41/24	0.055	1.40	0.030	0.76	0.330	55	80	95
DLOC-006-001	6	65/24	0.060	1.52	0.030	0.76	0.370	75	105	145
DLOC-004-001	4	105/24	0.060	1.52	0.030	0.76	0.420	95	140	205
DLOC-002-001	2	168/24	0.060	1.52	0.030	0.76	0.500	130	190	295
DLOC-001-001	1	224/24	0.080	2.03	0.045	1.14	0.630	150	220	440
DLOC-110-001	1/0	273/24	0.080	2.03	0.045	1.14	0.650	170	260	515
DLOC-210-001	2/0	324/24	0.080	2.03	0.045	1.14	0.710	195	300	580
DLOC-310-001	3/0	448/24	0.080	2.03	0.045	1.14	0.800	225	350	770
DLOC-410-001	4/0	532/24	0.080	2.03	0.045	1.14	0.810	260	405	930
DLOC-262-001	262.2	646/24	0.090	2.29	0.065	1.65	0.960	296	467	1130
DLOC-313-001	313.3	775/24	0.090	2.29	0.065	1.65	1.030	326	522	1295
DLOC-373-001	373.7	925/24	0.090	2.29	0.065	1.65	1.080	362	591	1545
DLOC-444-001	444.4	1110/24	0.090	2.29	0.065	1.65	1.160	400	652	1820
DLOC-535-001	535.3	1332/24	0.090	2.29	0.065	1.65	1.200	445	728	2195
DLOC-646-001	646.4	1591/24	0.090	2.29	0.065	1.65	1.280	493	815	2560
DLOC-777-001	777.7	1924/24	0.090	2.29	0.065	1.65	1.360	545	904	3050
DLOC-1111-001	1111.0	2745/24	0.115	2.92	0.095	2.41	1.760	640	1115	4187

\* (1) Ampacities based on 90 °C Conductor and 30 °C Ambient temperature based on 2011 National Electric Code 310.15 for not more than three current-carrying conductors in a raceway, cable or earth.

\* (2) Ampacities based on single-conductor in free air in accordance with 2011 National Electrical Code 310.15.

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