

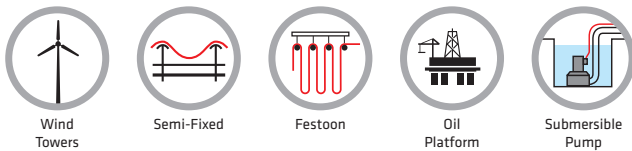


## INDUSTRITE™ DLO – Diesel Locomotive Cable

(UL) RHW-2 2KV, (CSA) DLO 2KV, RW90 1KV - EPR / CPE



### Application



Single conductor flexible cable for portable power and general applications rated 2000V, for use in temporary/permanent installations, industrial/commercial applications.

- Oil & Gas: Drilling Rigs, Motor and Equipment Leads
- Mining: Submersible Pumps, Motor and Equipment Leads
- Shipyards: Temporary Power, Motor and Equipment Leads
- Renewable Energy: Wind Turbine, Tower, and Solar
- Telecom: Power Supply, Batteries, and Equipment Leads
- Transit: Diesel Electric Motors, and Equipment Leads
- Industrial: Flexible Power in Raceways in Wet & Dry Areas

### Specifications and Ratings

- ASTM B33, ASTM B172
- ICEA S-95-658 (NEMA WC 70), UL 44, CSA C22.2 NO. 38, CSA C22.2 No. 96-13
- UL Listed as RHW-2 2000V, 90°C wet or dry, CT USE (1/0 and larger), PRI, VW1, (-40°C), Sun Res
- CSA Listed as Type RW90 1000V, FT4 (1/0 and larger), Sunlight Resistant, (-40°C), FT1, Tray Cable (C22.2 No. 230)
- RoHS Compliant



### Design Parameters

**CONDUCTORS:** Flexible rope stranding, soft-drawn tinned copper per ASTM B33 and ASTM B172 offers high flexibility, extended flex-life and reduced copper fatigue/conductor breakage.

**INSULATION:** Ethylene-propylene rubber (EPR) insulation with excellent physical and electrical properties, easy conductor identification, stability during extreme flexing/twisting.

**JACKET:** Black, oil and flame-resistant, thermoset chlorinated polyethylene (CPE) jacket, suitable for use indoors and outdoors in abusive flexing applications where oil, chemicals, and extreme temperatures are considerations.

### Available Jacket Colors:



### Identification:

#### 14AWG to 1AWG:

DRAKA MA (Part Number) # [conductor size] AWG ([conductor size] mm<sup>2</sup>) EPR/CPE DLO 2KV RHW-2 2000V -40C 90C (UL) E2268 PR1 VW1 "SUN RES" or CSA 231593 # [conductor size] AWG ([conductor size] mm<sup>2</sup>) EP/CPE TYPE RW90 1000V -40C SR FT1 or CSA TYPE DLO 2KV 90C FT1 SR -40C (sequential footage mark) (year) P-07-KA150012-MSHA.

#### 1/0AWG and Larger:

DRAKA MA (Part Number) # [conductor size] AWG ([conductor size] mm<sup>2</sup>) EPR/CPE DLO 2KV RHW-2 2000V -40C 90C (UL) E2268 PR1 CT VW1 "SUN RES" or CSA 231593 # [conductor size] AWG ([conductor size] mm<sup>2</sup>) EP/CPE TYPE RW90 1000V -40C SR FT4 TC or CSA TYPE DLO 2KV 90C FT1 FT4 SR -40C TC (sequential footage mark) (year) P-07-KA150012-MSHA.

### Prysmian Group

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Part Number	UL CSA Conductor Size	Actual Conductor Size	Conductor Stranding		Composite Insulation Nominal Thickness				Nominal Cable O.D. <sup>1</sup>		Nominal Cable Weight		Rated Cable Ampacity <sup>2</sup> (A)
			Nom. # of Wires	Nom. Dia. inches	EPR Inner Layer		CPE Outer Layer		in	mm	lbs/Mft	kg/km	
					in	mm	in	mm					
A34226	14 AWG	--	19	0.071	.045	1.14	.030	0.76	0.236	6.0	35	52	35
A34227	12 AWG	--	19	0.088	.045	1.14	.030	0.76	0.260	6.6	43	64	40
A34228	10 AWG	--	27	0.12	.045	1.14	.030	0.76	0.282	7.2	62	92	55
A34229	8 AWG	--	41	0.15	.060	1.52	.030	0.76	0.350	8.9	93	138	80
A34230	6 AWG	--	63	0.19	.060	1.52	.030	0.76	0.380	9.7	132	196	105
A34231	4 AWG	--	105	0.27	.060	1.52	.030	0.76	0.460	11.7	190	283	140
A34232	2 AWG	--	161	0.31	.060	1.52	.030	0.76	0.500	12.7	280	417	190
A34233	1 AWG	--	210	0.37	.080	2.03	.045	1.14	0.628	16.0	393	586	220
A34234	1/0 AWG	--	266	0.40	.080	2.03	.045	1.14	0.665	16.9	447	665	260
A34235	2/0 AWG	--	342	0.46	.080	2.03	.045	1.14	0.720	18.3	541	805	300
A34236	3/0 AWG	--	418	0.49	.080	2.03	.045	1.14	0.750	19.1	666	992	350
A34237	4/0 AWG	--	532	0.58	.080	2.03	.045	1.14	0.840	21.3	831	1237	405
A34238	250 kcmil	262 kcmil	650	0.63	.095	2.41	.065	1.65	0.960	24.4	1041	1549	470
A34239	300 kcmil	313 kcmil	775	0.70	.095	2.41	.065	1.65	1.035	26.3	1207	1796	510
A34240	350 kcmil	373 kcmil	925	0.75	.095	2.41	.065	1.65	1.085	27.6	1411	2100	590
A34241	400 kcmil	444 kcmil	1100	0.82	.095	2.41	.065	1.65	1.155	29.3	1657	2466	655
A34242	500 kcmil	535 kcmil	1325	0.90	.110	2.79	.065	1.65	1.265	32.1	1990	2961	730
A34243	600 kcmil	646 kcmil	1600	0.98	.110	2.79	.065	1.65	1.355	34.4	2337	3482	815
A34218	750 kcmil	777 kcmil	1925	1.05	.110	2.79	.065	1.65	1.425	36.2	2744	4084	905
A34244	900 kcmil	929 kcmil	2300	1.15	.110	2.79	.065	1.65	1.530	38.9	3206	4777	1005
A34245	1100 kcmil	1111 kcmil	2750	1.26	.125	3.18	.095	2.41	1.720	43.7	3990	5945	1115

(1) Cable O.D. is subject to plus/minus 5% manufacturing tolerance.

(2) Based on single conductor in free air, 90°C conductor temperature and 30°C ambient air temperature

The data herein is approximate and subject to normal manufacturing tolerances.

Information is subject to change without notice. Consult factory for a variety of alternate constructions for specific applications.

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**Prysmian Group**

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