

**DLO****DIESEL LOCOMOTIVE CABLE****DLO 2000V | RHH/RHW-2 2000V | RW90 / RW90-TC 1000V**

Heavy-duty flexible power cable engineered for **diesel-electric locomotives, mining and earth-moving equipment, motor leads,** and demanding industrial power applications — in wet or dry locations, portable or fixed installations, from **-40 °C to +90 °C**.

**CSA GROUP****PRODUCT CODE**
35C**VOLTAGE**
2000V**TEMP RANGE**
-40 to +90°C**APPLICATION**
Industrial 2KV**APPLICATIONS**

Designed for uses requiring flexible power cables in portable or fixed installations — suited for conduits, ducts, troughs, and trays where flexibility, durability, and superior electrical properties are required.

- Diesel-electric locomotives
- Motor & generator leads
- Deep-well submersible pumps
- Mining & earth-moving equipment
- Battery & jumper cables
- Shipyards, oil & gas rigs

CONSTRUCTION

Voltage	RHH/RHW-2 600V & 2000V • RW90 CSA 1kV • DLO 2kV
Conductor	Annealed flexible stranded tinned copper — ASTM B-172, B-174, B-33
Separator	Tape separator between conductor and insulation (all sizes except 14 AWG)
Insulation	Ethylene-propylene rubber (EPR) — UL, CSA, ICEA, AAR RP-588, 90°C
Jacket	Black heavy-duty CPE thermoset — ICEA S-95-658, NEMA WC-70, AAR RP-586
Colors	● BLACK ● RED <i>Other colors available upon request.</i>
Bend Radius	6× O.D. for fixed installations

KEY FEATURES

UL Listed RHH/RHW-2 for 600V, 2,000V DLO, and 1,000V RW90 applications. Rated for 90°C wet or dry locations. Resistant to sunlight, ozone, oil, grease, chemicals, weather, and abrasion. 1/0 AWG and larger are RW90-TC (Tray Cable), CT Use, VW-1, SUN RES, and MSHA rated. Meets UL 1685 Limited Smoke (LS ST1) requirements. CSA Listed RW90 and RW90-TC for 1,000V applications.

STANDARDS AND LISTINGS

- UL 44 - Type RHH/RHW-2
- IEEE 1202
- CSA Listed RW90, RW90-TC 1kV
- AAR RP-588, RP-586 approved
- VW-1 flame rating
- For CT use - 1/0 AWG & larger
- UL 1685 - Limited Smoke ST1
- 6SA CZL.Z No. Jo & No. 25U
- ASTM B-172 / B-174 / B-33
- MSHA approved
- ICEA S-95-658 / NEMA WC-70
- Sun Res • Oil Res • RoHS

SPECIFICATIONS

Part Number	Power Conductor Size	Power Conductor	Conductor Diameter	Nominal Insulation	Nominal Jacket	Overall Diameter	Weight		Ampacity at 30°C
		Stranding		thick.	thick.	approx			in air
	AWG or MCM		Inches	Inches	Inches	Inches	LBS/1000ft	kg/km	A
35C-1401	14	19#27	0.072	0.045	0.015	0.192	28	41	35
35C-1201	12	19#25	0.091	0.045	0.015	0.215	38	56	40
35C-1001	10	27#24	0.123	0.045	0.03	0.277	63	93	55
35C-0801	8	41/#24	0.148	0.055	0.03	0.302	92	136	80
35C-0601	6	65/#24	0.186	0.06	0.03	0.37	128	191	105
35C-0401	4	105/#24	0.24	0.06	0.03	0.424	188	280	140
35C-0201	2	168/#24	0.315	0.06	0.045	0.528	292	435	190
35C-0101	1	225/#24	0.363	0.08	0.045	0.613	394	587	220
35C-0010	1/0	273/#24	0.417	0.08	0.045	0.671	468	696	260
35C-0020	2/0	329/#24	0.457	0.08	0.045	0.711	545	811	300
35C-0030	3/0	450/#24	0.533	0.08	0.045	0.787	720	1072	350
35C-0040	4/0	551/#24	0.59	0.08	0.065	0.884	886	1320	405
35C-262	262.6	644/#24	0.636	0.09	0.065	0.95	1032	1536	471
35C-313	313.1	772/#24	0.7	0.09	0.065	1.015	1209	1800	511
35C-373	373.7	925/#24	0.772	0.09	0.065	1.086	1422	2116	590
35C-444	444.4	1091/#24	0.854	0.09	0.065	1.169	1652	2458	656
35C-535	535.3	1325/#24	0.906	0.09	0.065	1.22	1965	2924	731
35C-646	646.4	1584/#24	0.996	0.09	0.065	1.311	2312	3441	815
35C-777	777.7	1925/#24	1.102	0.09	0.065	1.397	2778	4134	905
35C-929	929.2	2281/#24	1.197	0.09	0.065	1.511	3246	4831	1005
35C-1111	1111 MCM	2727/#24	1.325	0.14	0.095	1.799	4077	6067	1115



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