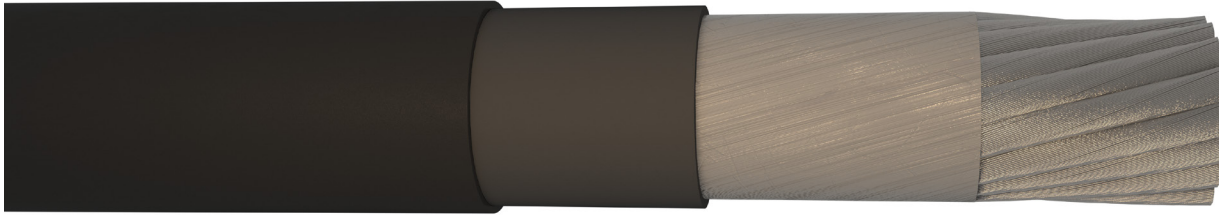


DLO

DIESEL LOCOMOTIVE CABLE



Applications

Direct's DLO is a heavy-duty power cable designed for use within portable or fixed installations, diesel engines and motor leads, generators, battery leads, and other demanding industrial applications, including shipyards, drilling rigs, construction equipment, and telecom power supply. DLO is UL listed, for CT use, and MSHA compliant.

Construction

- Rope-lay, bunch-stranded tinned ASTM Class 1 copper
- Separators: paper (conductor) and mesh (insulation)
- Insulated with LSHF EPDM compound
- Jacketed with CPE compound

[See reverse for construction details and technical specifications](#)

DLO DIESEL LOCOMOTIVE CABLE							
AWG SIZE	# COND STRAND / DIAM (OR) GA	NOMINAL INSULATION THICKNESS		NOMINAL OUTSIDE DIAMETER (+JACKET)		AMPACITY ¹	APPROX LBS PER 1K'
		INCHES	MM	INCHES	MM		
#2	150 / 24	.030	.76	.489	12.42	190 A	248
#1	225 / 24	.045	1.14	.583	14.81	220 A	428
1 / 0	275 / 24	.045	1.14	.642	16.31	260 A	480
2 / 0	325 / 24	.045	1.14	.681	17.30	300 A	558
3 / 0	450 / 24	.045	1.14	.781	19.84	350 A	742
4 / 0	550 / 24	.045	1.14	.815	20.70	405 A	872
262 MCM	650 / 24	.065	1.65	.921	23.39	471 A	1,068
313 MCM	775 / 24	.065	1.65	.984	24.99	511 A	1,258
373 MCM	925 / 26	.065	1.65	1.055	26.80	590 A	1,462
444 MCM	1,100 / 27	.065	1.65	1.138	28.91	656 A	1,726
535 MCM	1,325 / 28	.065	1.65	1.244	31.60	731 A	2,018

¹Allowable ampacity per NFPA 70 / NEC Article 400. Values are based on ambient temperature of 30°C.

All data and specifications contained herein are current and subject to change without notification. All values are nominal and/or approximate and may vary. All styles and standards dependent on conductor size.



TECHNICAL SPECIFICATIONS

Construction

Conductors	<ul style="list-style-type: none">Rope-lay, bunch-stranded tinned ASTM Class 1 copper
Voltage Rating	<ul style="list-style-type: none">RHH/RHW-2 600 V and 2,000 V, RW-90 CSA, 1k V, DLO 2,000 V
Insulation & Jacket	<ul style="list-style-type: none">Separators: paper (conductor) and mesh (insulation)Insulated with low-smoke, halogen-free EPDM compoundJacketed with CPE compoundResistant to abrasion, crushing force, extreme temperatures, flame, impact, oil, sunlight, and water60°C (140°F) oil resistant temperature rating (CPE compound)
Temperature Range	<ul style="list-style-type: none">-40°C (-40°F) to 90°C (194°F) Dry; 90°C (194°F) Wet

Standards & Certifications

Industry Approvals	<ul style="list-style-type: none">UL Listed RHH/RHW/RHW-2IAW UL 44, 1650, and 2556NFPA 70; NEC Article 400ASTM B33, B49, B172, and B174MSHA FT-5UL FT-1, FT-2, FT-4/IEEE 1202, VW-1UL Low-Smoke ST-1
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Standard Stock

Available Lengths	<ul style="list-style-type: none">Coils/Assemblies at 25', 50', 100', and 250'Reels at 500', 1,000', and 2,500'Custom lengths available upon request
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Customization

Jacket Colors	<ul style="list-style-type: none">● Black (standard)Custom colors available upon request
Marking Options	<ul style="list-style-type: none">Quick Print®; Surface Print; Indent Print; Logo/Icon; Sequential Marking
