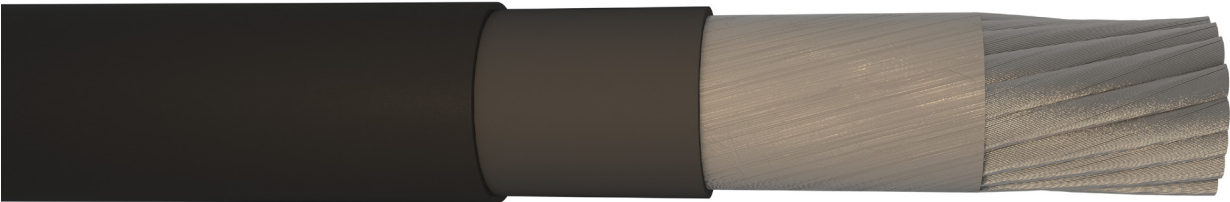


DLO // UL CSA MSHA

RHH / RHW-2 / RW90



APPLICATIONS

Direct's DLO is a heavy-duty flexible power cable designed for use within portable or fixed installations, diesel engines and motor leads, generators, battery leads, and other industrial applications, including shipyards, drilling rigs, construction, and renewable energy. DLO is UL listed RHH / RHW-2, CSA listed RW90, MSHA approved, and manufactured in the USA

QUICK SPECS

- 24 AWG ASTM Class I tinned copper
- EPDM (Inner) / CPE (Outer)
- #8 AWG - 444 MCM
- 600 / 1,000 / 2,000 V
- -40°C - +90°C
- UL / CSA / MSHA / NFPA NEC / ASTM

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

DLO PRODUCT CONFIGURATIONS						
AWG / MCM SIZE	CONDUCTOR STRANDING	STRAND GAUGE	INSULATION THICKNESS		OUTSIDE DIAMETER	AMPACITY¹
			INNER	OUTER		
#8	41	24	.060	.035	.351	80 A
#6	61	24	.060	.035	.383	105 A
#4	105	24	.060	.035	.448	140 A
#2	168	24	.060	.035	.503	190 A
#1	224	24	.075	.045	.598	220 A
1 / 0	273	24	.075	.045	.640	260 A
2 / 0	323	24	.075	.045	.688	300 A
3 / 0	456	24	.075	.045	.748	350 A
4 / 0	551	24	.075	.045	.818	405 A
262 MCM	646	24	.090	.045	.905	467 A
313 MCM	777	24	.090	.045	.973	522 A
373 MCM	925	24	.090	.045	1.028	591 A
444 MCM	1,110	24	.090	.045	1.098	652 A

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

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



DLO // RHH / RHW-2 / RW90

TECHNICAL SPECIFICATIONS

CONSTRUCTION

Conductors	Rope-lay, bunch-stranded 24 AWG ASTM Class I tinned copper
Voltage Rating	600 / 1,000 / 2,000 V
Insulation & Jacket	- Separators: paper (1P) and poly wrap (2P) - Insulated with LSHF EPDM compound - Jacketed with CPE compound - Resistant to abrasion, crushing force, extreme temperatures, flame, impact, oil, sunlight, and water - UL tested 60°C oil resistant temperature rating - UL tested 720 hours sunlight resistance rating
Temperature Range	-40°C - +90°C (dry) / +90°C (wet)

STANDARDS & CERTIFICATIONS

Industry Approvals	- UL 44, 1650, 2556, and 2806 - UL Listed RHH / RHW-2 - CSA C22.2 No. 38 and 2556 - CSA C22.1 / CEC - CSA Listed RW90 - MSHA Approved	30-CFR-Part 7 Subchapter K - NFPA 70 / NEC - ASTM B3 or B33, B49, B172 or B174, B263 - FT-1, FT-2, and FT-5 - CMRT and Prop 65 Compliant
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STANDARD STOCK

Available Lengths	- Reels at 250' / 500' / 2,500' - Coils at 25' / 50' / 100'
Jacket Colors	● Black (standard) ● Blue ● Green ● Red ● Yellow ● Orange

MARKING

Standard Legend	DIRECT (UL) E481911 {SIZE} DLO-HDFPC 90C DRY 90C WET 2kV FT-2 SUN RES PR-I - - - (CSA) 300528 {SIZE} RW90 -40C + 90C DRY 90C WET 1kV PR-I FT-1 SR GR-I - - - FT-5 P-07-KA200007-MSHA
Print Options	Ink Wheel / Ink Jet / Indent Wheel / Sequential Footage

