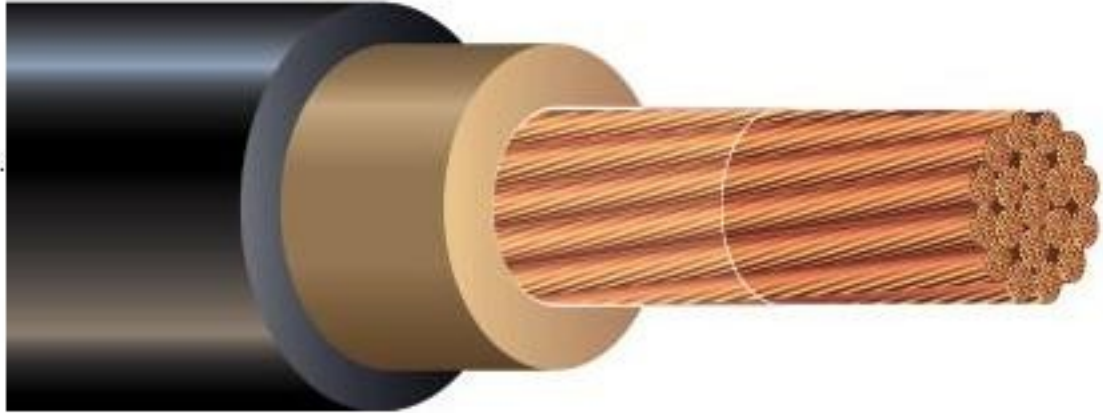


2KV Wind Turbine DLO Cable

Wind Turbine Diesel Locomotive Cable (DLO) Rated 2000 Volts. 90°C.
MSHA Accepted, UL listed as Type RHH/RHW-2, CT Rated 1/0 and Larger
RoHS Compliant.



APPLICATIONS

Wind Turbine DLO is especially designed to transfer power in wind turbine installations. 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, and motor leads. The cable is suitable for use in wet or dry areas, conduit, ducts, troughs or trays, and where superior electrical properties are desired. The maximum continuous conductor temperature for normal operation in wet or dry locations is 90°C. Wind Turbine DLO resists oils, acids, alkalines, heat, flame, and has abrasion resistance.

SPECIFICATIONS

- RoHS Compliant
- MSHA accepted (P-07-KA090026)
- UL listed as Type RHH-RHW-2 per UL 44
- CSA listed as Type RW90 1kV per C22.2 No. 38-95
- Meets FT-4 and VW-1 Flame Tests

CONSTRUCTION

Southwire Wind Turbine DLO Cables are manufactured in sizes 1/0 AWG through 777.7 KCMIL with stranded bare annealed copper per AAR 589. A paper or polyester tape separates the conductor from the EPDM rubber insulation to aid in stripping. A black, heavy duty VIPER™ CPE sunlight resistant jacket is extruded over the insulation.

2KV Wind Turbine DLO Cable

WEIGHTS, MEASUREMENTS AND PACKAGING										
AWG OR KCMIL	COND. STRAND	NOMINAL INSULATION THICKNESS		NOMINAL JACKET THICKNESS		NOMINAL OVERALL DIAMETER		CURRENT AMPS*		APPROX. NET WEIGHT LBS/M**
		INCHES	mm	INCHES	mm	INCHES	mm	(1)	(2)	
1/0	273/24	0.080	2.03	0.045	1.143	0.69	17.53	170	260	515
2/0	324/24	0.080	2.03	0.045	1.143	0.73	18.54	195	300	580
3/0	448/24	0.080	2.03	0.045	1.143	0.81	20.57	225	350	770
4/0	532/24	0.080	2.03	0.065	1.651	0.94	23.88	260	405	930
262.6	646/24	0.090	2.29	0.065	1.651	0.98	24.89	296	467	1130
313.3	775/24	0.090	2.29	0.065	1.651	1.06	26.92	326	522	1295
373.7	925/24	0.090	2.29	0.065	1.651	1.10	27.94	362	591	1545
444.4	1110/24	0.090	2.29	0.065	1.651	1.17	29.72	400	652	1820
500	1221/24	0.090	2.29	0.065	1.651	1.20	30.48	430	700	2100
535.3	1332/24	0.090	2.29	0.065	1.651	1.21	30.73	445	728	2195
646.4	1591/24	0.090	2.29	0.065	1.651	1.28	32.51	493	815	2560
777.7	1924/24	0.090	2.29	0.065	1.651	1.37	34.80	545	904	3050

* (1) Ampacities based on 90°C Conductor and 30°C Ambient temperature based on Table 310.16 in the National Electrical Code® for not more than three current-carrying conductors in raceway, cable or earth.

(2) Ampacities based on single-conductor in free air, in accordance with National Electrical Code® Table 310.17.

** Actual shipping weight may vary.



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