

Portable Power Cable 90°C UL CSA MSHA Industrial Grade



SPECIFICATIONS & STANDARDS

UL 44, ICEA S-95-658/NEMA WC70, UL 1685, IEEE-1202, CSA C22.2 No. 38, ASTM B 8, ASTM B 33, AAR, RP-588 RP-586

CONSTRUCTION:

- Nominal voltage:** RHH/RHW-2 600V and 2000V, RW-90 CSA, 1kV, DLO 2kV
- Conductors:** Flexible strand tin coated copper conductor, B-172, ASTM B-33
- Separator:** Tape separator between conductor and insulation
- Insulation:** Ethylene-propylene rubber (EPR), UL, CSA, ICEA, AAR RP-588, 90°C
- Jacket:** Black heavy duty, thermoset CPE, ICEA S-95-658 NEMA WC70, AAR RP-586
- Bending radius:** For fixed – minimum 4xD, for flexible – minimum 6xD, D – diameter of cable
- Torsion stresses:** ±100 °/m

FEATURES	APPLICATION
<ul style="list-style-type: none"> - UL listed RHH/RHW-2 600 V and 2000V for black jacket - Rated 2kV DLO, 1kV RW90 - 90°C (dry) 90°C (wet) - Ozone, sunlight, oil, grease, weather, water, chemical and abrasion resistant jacket - Tray Cable (TC) Rated RW-90 CSA - MSHA, VW-1, SUN RES, FOR CT USE for sizes 1/0 AWG and larger and for black jacket - Limited Smoke (LS) ST1 in accordance with (UL) 1685 	<ul style="list-style-type: none"> - Designed for uses requiring a flexible heavy duty power cables - For portable or fixed installations - Leads for motors, generators, batteries, jumper cables - Deep well Submersible Pump Cable

APPROVALS:

- UL:** E193594 RHW-2 90C wet and dry, VW-1, Sun Res, for 1/0 and larger ST-1, FT-4, IEEE1202, for CT use
- C(UL):** E193954: TYPE RW90 EP; 1000V; FT1
- CSA:** 1101209 LL103932: 205591; RW-90 90C; FT1; FT4; -40C; OIL RES Tray Cable Sun Res 1/0 and larger
- MSHA:** P-7268080-01-MSHA

Part Number	Power Conductor Size	Power Conductor Stranding	Conductor Diameter	Nominal Insulation Thickness	Nominal Jacket Thickness	Maximum O.D.		Approx. Weight		Ampacity at Ambient Temp. 30°C
	AWG or MCM	No. of Stranding	inches	inches	inches	inches	mm	lbs/1000 ft	kgs/km	A
DLO262	262 MCM	650/24	0.660	0.095	0.065	0.990	25.1	1068	1589	471
DLO313	313 MCM	775/24	0.725	0.095	0.065	1.055	26.8	1258	1872	511
DLO373	373 MCM	925/24	0.787	0.095	0.065	1.125	28.6	1462	2176	590
DLO444	444 MCM	1100/24	0.870	0.095	0.065	1.205	30.6	1726	2568	656
DLO535	535 MCM	1325/24	0.950	0.110	0.065	1.290	33.1	2018	3046	731
DLO646	646 MCM	1600/24	1.040	0.110	0.065	1.410	35.8	2416	3595	815
DLO777	777 MCM	1925/24	1.130	0.110	0.065	1.500	38.1	2881	4287	905
DLO929	929 MCM	2300/24	1.208	0.120	0.065	1.610	40.9	3455	5142	1005
DLO1111	1111 MCM	2750/24	1.370	0.125	0.095	1.800	45.7	4077	6067	1115

*** Based on single conductor in free air, 30°C ambient air temperature 90°C conductor temperature per 2005 NEC Table 310.17

STANDARD PRINT LEGEND:

TF CABLE TORSIONFLEX E193594 (UL) TYPE RHW-2 (SIZE) 2KV VW-1 ST1 SUN RES TYPE RW-90 EP 1000V (CSA) 205591 -40C FT1 FT4 SR OIL RES TC TYPE DLO TF CABLE 2KV 90C P-7K-268080-01-MSHA