



DLO – (Diesel Locomotive 2kv) Industrial Flexible Power Cord

Description

Sycor's DLO (Diesel locomotive) cable is a portable or fixed power cable. DLO (Diesel locomotive) is a medium voltage cable that's suitable for motor leads and case wiring.

Construction

Flexible tinned copper conductor per ASTM B33, D172
Tape separator
Insulation: EPR (Ethylene Propylene Rubber) or EPDM (EP Diene Monomer)
Jacket: Black, Sunlight Resistant CPE (Thermoset Chlorinated Polyethylene)

Approvals

UL 1608 - Type HDFPC-DLO
(Heavy Duty Flexible Power Cord- Diesel Locomotive)
UL 44 - Type RHH/RHW-2 2KV 90°C
Type TC-ER for 1/0 awg and up
UL 1685 - Vertical flame test VW-1
Limited Smoke ST-1 for 1/0 awg and up
IEEE-1202 - Flame Test 1/0 awg and up. FT4
CSA C22.2 - No 38-Type RW-90 1KV
No 230-Type RW-90 TC 1/0 awg and up
(for use in cable tray)
*10,12,14 awg may not be rated RW-90
IEEE-1202 - Flame Test FT1
Flame Test FT4 - #8 plus larger CSA
MSHA approved
ICEA - S-95-658 (NEMA WC70) Power Cables 2KV or less for distribution of electrical energy.

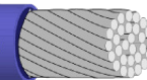
Temperature Rating

CSA -40°C to 90°C
UL 90°C

Voltage Rating

CSA 1KV (RW-90)
UL 2KV

SYCOR TECHNOLOGY INC



Application:

Sycor's DLO (Diesel locomotive) cable is typically used in drilling rigs, railroads, transit cars and electrical diesel locomotive applications. Sycor's DLO (Diesel locomotive) cable can also be used as a portable cord for water heater leads, jumper cables and even for electrical earth moving equipment.



Value Added Services



Cutting

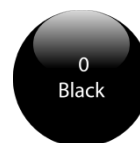


Terminating



Re-Spooling

Colour codes



Sycor Part No	Size AWG	No. of Conductors	Stranding	Nominal Insulation		Nominal O.D		Temp	Voltage	Approx Weight	
				inches	mm	inches	mm			lbs/1000 ft	kg/km
DLO1419	14	1	19/27	0.045		0.193	4.902	90°C	2kV	25	37
DLO1219	12	1	19/25	0.045		0.217	5.512	90°C	2kV	46	68
DLO1027	10	1	27/24	0.045		0.248	6.299	90°C	2kV	67	100
DLO0837	8	1	37/24	0.06		0.323	8.204	90°C	2kV	95	141
DLO0661	6	1	61/24	0.06		0.362	9.195	90°C	2kV	134	199
DLO04105	4	1	105/24	0.06		0.413	10.490	90°C	2kV	192	286
DLO02150	2	1	150/24	0.06		0.489	12.421	90°C	2kV	248	369
DLO01225	1	1	225/24	0.08		0.583	14.808	90°C	2kV	428	637
DLO1/0275	1/0	1	275/24	0.08		0.642	16.307	90°C	2kV	480	714
DLO2/0325	2/0	1	325/24	0.08		0.681	17.297	90°C	2kV	558	830
DLO3/0450	3/0	1	450/24	0.08		0.781	19.837	90°C	2kV	742	1104
DLO4/0550	4/0	1	550/24	0.08		0.815	20.701	90°C	2kV	872	1298
DLO262650	262 MCM	1	650/24	0.095		0.921	23.393	90°C	2kV	1068	1589
DLO313775	313 MCM	1	775/24	0.095		0.984	24.994	90°C	2kV	1258	1872
DLO373925	373 MCM	1	925/24	0.095		1.055	26.797	90°C	2kV	1462	2176
DLO4441100	444 MCM	1	1100/24	0.095		1.138	28.905	90°C	2kV	1726	2569
DLO5351325	535 MCM	1	1325/24	0.11		1.244	31.598	90°C	2kV	2018	3003
DLO6461600	646 MCM	1	1600/24	0.11		1.355	34.417	90°C	2kV	2416	3596
DLO7771925	777 MCM	1	1925/24	0.11		1.433	36.398	90°C	2kV	2881	4288
DLO9292300	929 MCM	1	2300/24	0.11		1.516	38.506	90°C	2kV	3455	5142
DLO11112750	1111 MCM	1	2750/24	0.125		1.791	45.491	90°C	2kV	4077	6068

Sycor Technology Inc., 1-2220 Argentia Road, Mississauga ON L5N 2K7

www.sycor.com 1-800-268-9444 sales@sycor.com

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