

Diesel Locomotive (DLO), EP/XL-CPE, 2KV RW90

Diesel Locomotive (DLO)
EP Insulation - XL-CPE Jacket
UL RHH/RHW-2 2000V & C(UL) RW90 1000V



*Product images are for illustrative purposes only and may differ from the actual product.

Category Conductor Description:

- Flexible, tinned, annealed, stranded copper

Separator:

- Suitable separator is applied between the conductor and insulation for easy stripping

Applications:

- For use up to 2000 V as power cables in wind turbine generator applications per UL Subject 6140
- Diesel electric locomotives
- Mining and earth-moving equipment
- General purpose use as flexible power leads
- Flexible power leads in cable trays in sizes 1/0 AWG and larger
- Accepted for listing as flame-resistant by MSHA

Category Insulation Description:

- Flame retardant, lead-free Cross-linked Ethylene Propylene (EP)

Category Jacket Description:

- Black, flame retardant, sunlight, ozone and oil resistant, lead-free Cross-linked Chlorinated Polyethylene (XL-CPE)

Standards:

- Type RHH/RHW-2 per UL 44, UL File # E90494
- c(UL)US Type RW90 per CSA C.22.2-38, UL File # E90494
- National Electrical Code (NEC)
- ICEA S-95-658/NEMA WC70
- "For CT Use" on 1/0 and larger in accordance with NEC
- Accepted for listing as flame resistant by MSHA
- RoHS Compliant
- Flame test compliances:
 - -UL 2556 VW-1
 - -IEEE 1202/CSA FT4 for sizes 1/0 AWG and larger

Part Number Table

Part#	Gauge	Stranding	Insulation Thickness	Jacket Thickness	Outside Diameter Inches	Material Weight (Lbs./M')	Material Weight (KG/KM)
B81401	14	19	0.045	0.015	0.2	34	50
B81201	12	19	0.045	0.015	0.22	45	66
B81001	10	27	0.045	0.015	0.25	63	93
B80801	8	37	0.055	0.03	0.33	95	141
B80601	6	61	0.06	0.03	0.38	145	215
B80401	4	105	0.06	0.03	0.46	205	305
B80201	2	158	0.06	0.03	0.51	295	439
B80101	1	224	0.08	0.045	0.64	440	654
B81/001	1/0	280	0.08	0.045	0.7	515	766
B82/001	2/0	329	0.08	0.045	0.73	580	863
B83/001	3/0	456	0.08	0.045	0.8	770	1145
B84/001	4/0	551	0.08	0.045	0.84	930	1383
B82626	262	650	0.09	0.065	0.94	1130	1681
B83131	313	777	0.09	0.065	1	1295	1927
B83737	373	925	0.09	0.065	1.06	1545	2299
B84444	444	1110	0.09	0.065	1.11	1820	2708
B85353	535	1332	0.09	0.065	1.2	2195	3266
B86464	646	1609	0.09	0.065	1.29	2560	3809
B87777	777	1924	0.09	0.065	1.38	2728	4059
B89292	929	2318	0.09	0.065	1.56	3709	5519
B81111	1111	2745	0.115	0.095	1.77	4232	6297

Note: The information in this specification sheet is approximate and subject to standard industry and manufacturer tolerances. Please verify specific requirements with your Omni Cable account manager

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