

FLEXIBLE AND PORTABLE CORD

Diesel Locomotive (DLO)

EP Insulation -XL-CPE Jacket

UL RHH/RHW-2 2000V & C(UL) RW90 1000V



CONSTRUCTION	
Conductor	- Flexible, tinned, annealed, stranded copper
Insulation	- Flame retardant, lead-free Cross-linked Ethylene Propylene (EP)
Separator	- Suitable separator is applied between the conductor and Insulation for easy stripping
Jacket	- Black, flame retardant, sunlight, ozone and oil resistant, lead-free Cross-linked Chlorinated Polyethylene (XL-CPE)

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

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 #	AWG	Stranding	Insulation Thickness	Jacket Thickness	Nom. O.D.	Lbs./M'
B81401	14	19	.045"	.015"	.20"	34
B81201	12	19	.045"	.015"	.22"	45
B81001	10	27	.045"	.015"	.25"	63
B80801	8	37	.055"	.030"	.33"	95
B80601	6	61	.060"	.030"	.38"	145
B80401	4	105	.060"	.030"	.46"	205
B80201	2	158	.060"	.030"	.51"	295
B80101	1	224	.080"	.045"	.64"	440
B81/001	1/0	280	.080"	.045"	.70"	515
B82/001	2/0	329	.080"	.045"	.73"	580
B83/001	3/0	456	.080"	.045"	.80"	770
B84/001	4/0	551	.080"	.045"	.84"	930
B82626	262	650	.090"	.065"	.94"	1130
B83131	313	777	.090"	.065"	1.00"	1295
B83737	373	925	.090"	.065"	1.06"	1545
B84444	444	1110	.090"	.065"	1.11"	1820
B85353	535	1332	.090"	.065"	1.20"	2195
B86464	646	1609	.090"	.065"	1.29"	2560
B87777	777	1924	.090"	.065"	1.38"	2728
B89292	929	2318	.090"	.065"	1.56"	3709

Part #	AWG	Stranding	Insulation Thickness	Jacket Thickness	Nom. O.D.	Lbs./M'
B81111	1111	2745	.115"	.095"	1.77"	4232

*Fittings are available for these products.

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.