

Flexible Power Cable • DLO

2000 Volts • 90°C

Diesel Locomotive Cable • EP/CPE • RHH, RHW-2

Conductors

Flexible-stranded, tinned, annealed coated copper

Jacket

Flame retardant, oil and sunlight resistant
Chlorinated Polyethylene (CPE)

Jackets are available in:

- black (standard)
- red
- blue
- green



Separator

Suitable separator tape provides easy stripping of insulation

Insulation

Ethylene-Propylene rubber (EPR)

DaimlerChrysler
Approved
Supplier for
6AWG-2/0

Ratings & Approvals

- ICEA S- 95-658/ NEMA WC-70: Nonshielded Power Cables Rated 2000 Volts or Less for the Distribution of Electrical Energy
- UL Standard 44: Thermoset Insulated Wires & Cables, Types RHH, RHW-2. UL VW-1
- UL Standard 1685: Vertical Tray Fire propagation and Smoke Release Test for Electrical and optical Fiber Cables. (UL, LS)
- ASTM B-33: Standard Specification for Tinned Soft or Annealed Copper Wire for Electrical Purposes
- ASTM B-172: Standard Specification for Rope-Lay-Stranded Copper Conductors having Bunch-Stranded Members, for Electrical Conductors
- MSHA P-184

Application

AmerCable's 2000V Diesel Locomotive Cable (DLO) is a single conductor Portable Power Cable suitable for use in industrial applications needing great flexibility, excellent wearability and a good flex life. Applications include locomotive and car equipment, motor and generator leads, battery leads, shipyards, telecommunications power, heavy earth moving equipment and other heavy duty flexing applications.

Features

- A two layer composite of flame retardant, oil and sunlight resistant Chlorinated Polyethylene (CPE) outer layer and Ethylene-Propylene rubber (EPR) inner layer. The composite design provides significant diameter reductions compared to designs using full thickness jackets.
- Suitable for continuous operating temperatures of 90°C, wet or dry
- Rated RHH, RHW-2; 2/0 – 1000 kcmil listed and marked "for CT use"
- UL listed as Sunlight Resistant
- UL listed as Marine Shipboard Cable (4/0 and larger) – Special order only
- Insulation and jacket meet hazardous waste regulations, per Code of Federal Regulations 40 Section 261 (40CFR261) for characteristic lead content
- Flame Resistance: FT-4/IEEE1202 for 2/0 1000 kcmil and UL VW-1
- Meets smoke release and other requirements of Vertical Cable Tray Test UL 1685 and is marked "LS" for 2/0 – 1000 kcmil
- Extremely flexible stranding used for increased flexibility and ease of installation
- Jackets also available in red, blue and green

37-119 • Single Conductor Portable Power Cable • DLO

Part No. 37-119-	Size AWG/ kcmil	Minimum Wires per Conductor	Nominal Insulation Thickness in.	Nominal Jacket Thickness in.	Nominal Outside Diameter in.	Approx. Weight lbs. per 1,000 ft.	* Ampacity 90°C
201	14	19	0.045	0.015	0.214	31	35
202	12	19	0.045	0.015	0.233	41	40
203	10	27	0.045	0.015	0.257	58	55
204	8	37	0.055	0.030	0.349	86	80
205	6	61	0.055	0.030	0.365	124	105
207	4	105	0.055	0.030	0.460	198	140
209	2	147	0.055	0.030	0.534	261	190
210	1	224	0.065	0.045	0.623	400	220
211	1/0	266	0.065	0.045	0.664	468	260
212	2/0	323	0.065	0.045	0.704	561	300
213	3/0	418	0.065	0.045	0.789	725	350
214	4/0	532	0.065	0.045	0.839	888	405
215	262	646	0.075	0.065	0.973	1048	467
216	313	777	0.075	0.065	1.029	1227	522
217	373	925	0.075	0.065	1.110	1436	591
218	444	1110	0.075	0.065	1.181	1691	652
219	535	1332	0.090	0.065	1.284	2034	728
220	646	1591	0.090	0.065	1.368	2395	815
221	777	1924	0.090	0.065	1.488	2837	904
222	929	2318	0.090	0.065	1.640	3448	1005
223	1111	2745	0.115	0.095	1.800	4304	1119

* Ampacity is calculated with a 90°C conductor temperature and 30°C ambient air, per 2005 NEC, Table 310-17

• Cable diameters and weights are subject to +/- 5% manufacturing tolerance

