



DLO

HEAVY-DUTY, FLEXIBLE POWER CABLE



AmerCable





37-119

FLEXIBLE POWER CABLE • DLO

2000 VOLTS • 90°C



DIESEL LOCOMOTIVE CABLE • LIMITED SMOKE (SIZES 2/0 AND HIGHER) • EP/CPE • RHH, RHW-2

CONDUCTOR

Flexible-stranded,
tin-coated annealed
copper



SEPARATOR

Suitable separator tape
provides easy stripping
of insulation

JACKET

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

See below
for jacket
color options
(Special order)



INSULATION

Ethylene-Propylene rubber
(EPR)

APPLICATIONSAPPLICATION

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

FEATURES

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,ST-1)
- CSA C22.2 No. 38 Thermoset Wires & Cables, Type RW90
- 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
- RoHS Compliant

- 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 – 1111 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 – 1111 kcmil and UL VW-1
- Meets smoke release and other requirements of Vertical Cable Tray Test UL 1685 and is marked "ST-1" for 2/0 – 1111 kcmil
- Extremely flexible stranding used for increased flexibility and ease of installation





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	37	0.045	0.015	0.257	58	55
204	8	168	0.055	0.030	0.356	77	80
205	6	133	0.055	0.030	0.400	124	105
207	4	133	0.055	0.030	0.460	203	140
209	2	259	0.055	0.030	0.534	265	190
210	1	259	0.065	0.045	0.623	415	220
211	1/0	266	0.080	0.045	0.689	489	260
212	2/0	323	0.065	0.045	0.705	562	300
213	3/0	418	0.065	0.045	0.760	757	350
214	4/0	532	0.065	0.045	0.827	894	405
215	262	646	0.075	0.065	0.932	1091	467
216	313	777	0.075	0.065	1.008	1245	522
217	373	925	0.075	0.065	1.054	1486	591
218	444	1110	0.075	0.065	1.110	1749	652
219	535	1332	0.090	0.065	1.223	2099	728
220	646	1591	0.090	0.065	1.320	2464	815
221	777	1924	0.090	0.065	1.406	2899	904
222	929	2318	0.090	0.065	1.685	3501	1005
223	1111	2745	0.130	0.065	1.850	4166	1119

* **Ampacity** – Calculated with at 90°C conductor temperature and 30°C ambient air, per 2008 NEC, Table 310.17

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





DLO

HEAVY-DUTY, FLEXIBLE POWER CABLE

AmerCable manufactures high quality jacketed electrical cables for a wide variety of specialized industrial and utility applications.



AmerCable is an ISO 9001:2015 certified cable manufacturer that combines leading-edge technology, proven manufacturing techniques, and high quality service to deliver the finest industrial and utility cable products available.

AmerCable serves a worldwide customer base from our manufacturing facility in El Dorado, Arkansas. Our professional field engineering and sales force work directly with customers, or in partnership with our network of independent distributors, to identify and fulfill your specific cable requirements



Manufacturing facility and corporate headquarters - El Dorado, Arkansas.



Made in America

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