



Diesel Locomotive Cable (DLO) EP/CPE DLO, RHH/RHW-2 90°C

Features

- Excellent cold impact resistance
- Fully annealed, highly flexible, stranded, tin coated copper conductor
- Outstanding abrasion resistance
- Highly resistant to oils, alkalis, and acids
- 2,000 Volt rated
- 90°C wet/dry rated for continuous exposure
- Approved for CT use (1/0 & larger)
- NEC suitable as flexible wiring for installation in open air, trays (1/0 & larger) or conduit
- Suitable for -40°C applications
- UL sunlight resistant

Constructions

- 8 AWG through 535 MCM, fully annealed tinned copper in accordance with AAR-598 and ASTM B-33
- Premium grade EP insulation
- Robust thermoset black CPE jacket

Applications

- Cranes and hoists
- Diesel-Electric locomotive traction motor leads
- Electrical generation and other utility facilities
- Heavy electric earth-moving equipment
- Mining and other industrial equipment
- Offshore oil drilling platforms
- On-Shore drilling rigs
- Rail and transit cars
- Shipyard welding and other high draw machines
- Storage battery charging
- Telecommunications power supply leads

Specifications & Standards

- UL Listed under UL Standard 44, Type RHH/RHW-2
- RoHS and REACH Compliant*
- ICEA S-95-685/ NEMA WC70
- c(UL) RW90 @ 1,000 Volt
- FT4 Available upon request

* Compliant with RoHS & REACH materials list as of 7/1/2009



Royal® Diesel Locomotive (DLO)

2000V Type DLO / 600V UL Type RHH/RHW-2, 1000V c(UL) Type RW-90

Part Number	Gauge	Stranding	Insulation Thickness		Nominal OD		Weight		Amps*
			in.	mm.	in.	mm.	lbs./mft	kg/km	
167014	8	37/.0211	0.065	1.65	0.348	8.84	105	156	80
167015	6	61/24	0.065	1.65	0.386	9.80	146	217	105
167017	4	105/24	0.065	1.65	0.438	11.13	206	307	140
167018	3	133/24	0.065	1.65	0.480	12.19	240	357	165
167019	2	161/24	0.065	1.65	0.500	12.70	293	436	190
167020	1	210/24	0.085	2.16	0.613	15.57	392	584	220
167021	1/0	266/24	0.085	2.16	0.620	15.75	462	688	260
167022	2/0	342/24	0.085	2.16	0.680	17.27	558	830	300
167023	3/0	418/24	0.085	2.16	0.752	19.10	673	1003	350
167024	4/0	532/24	0.085	2.16	0.780	19.81	833	1240	405
167026	262.6	646/24	0.100	2.54	0.920	23.37	1077	1603	467
167027	313.3	779/24	0.100	2.54	0.968	24.59	1225	1823	518
167029	373.7	931/24	0.100	2.54	1.065	27.05	1485	2210	588
167030	444.4	1102/24	0.100	2.54	1.132	28.75	1913	2847	649
167031	535.3	1330/24	0.125	3.18	1.240	31.50	2023	3010	725
167032	646.6	1591/24	0.125	3.18	1.359	34.51	2515	3742	814
167033	777.7	1924/24	0.125	3.18	1.382	35.10	3050	4538	900

Dimensions and weights are nominal and are subject to industry tolerances unless otherwise noted.

*Ampacity based on NEC Table 310.17 (8 AWG thru 4/0) 90°C.

Larger sizes based on single conductor in free air, 30°C ambient and 90°C cond temperature.

