

DIESEL LOCOMOTIVE (DLO)

ALLIED PART NO.	AWG SIZE	CONDUCTOR STRANDING	NOMINAL INSULATION	NOMINAL O.D.	AMPS	APPROX. LBS/MFT
DLO-14	14	19/27	0.045	0.236	35	25
DLO-12	12	19/25	0.045	0.256	40	46
DLO-10	10	27/24	0.045	0.290	55	67
DLO-8	8	37/.0211	0.065	0.348	80	105
DLO-6	6	61/24	0.065	0.386	105	146
DLO-4	4	105/24	0.065	0.438	140	206
DLO-2	2	161/24	0.065	0.500	190	293
DLO-1	1	210/24	0.085	0.613	220	392
DLO-1/0	1/0	266/24	0.085	0.620	260	462
DLO-2/0	2/0	342/24	0.085	0.680	300	558
DLO-3/0	3/0	418/24	0.085	0.752	350	673
DLO-4/0	4/0	532/24	0.085	0.780	405	833
DLO-262.6	262.6	646/24	0.100	0.920	467	1077
DLO-313.1	313.1	779/24	0.100	0.968	518	1225
DLO-373.7	373.7	931/24	0.100	1.065	588	1485
DLO-444.4	444.4	1102/24	0.100	1.132	649	1913
DLO-535.3	535.3	1330/24	0.125	1.240	725	2023
DLO-646.4	646.4	1590/24	0.125	1.359	814	2515
DLO-777.7	777.7	1924/24	0.125	1.382	900	3050
DLO-929.2	929.2	2299/24	0.120	1.670	1014	3625
DLO-1111	1111.0	2745/24	0.140	1.840	1115	4354

*Ampacities based on single-conductor in free air, 30°C ambient air temperature, 90°C conductor temperature in accordance with National Electrical Code Table 310.17

WELDING CABLE

ALLIED PART NO.	AWG SIZE	CONDUCTOR STRANDING	NOMINAL O.D.	APPROX. LBS/MFT
WELD 6	6	259/.0100	0.320	113
WELD 4	4	364/.0100	0.348	147
WELD 2	2	625/.0100	0.420	265
WELD 1	1	778/.0100	0.503	320
WELD 1/0	1/0	990/.0100	0.533	405
WELD 2/0	2/0	1248/.0100	0.586	485
WELD 3/0	3/0	1586/.0100	0.625	620
WELD 4/0	4/0	2054/.0100	0.720	790
WELD 250	250	2496/30	0.830	965
WELD 350	350	3432/30	0.960	1310
WELD 500	500	5054/30	1.200	1960

WELDING CABLE AMPACITIES

WELDING CURRENT AMPS	Length in feet for total circuit for secondary voltage only (DO NOT use this table for 600 volt in-line applications)						
	50'	100'	150'	200'	250'	300'	350'
100	4	4	4	2	2	1	1/0
150	4	4	2	1	1/0	2/0	3/0
200	2	2	1	1/0	2/0	3/0	4/0
250	2	2	1/0	2/0	3/0	4/0	
300	1	1	2/0	3/0	4/0		
350	1/0	1/0	3/0	4/0			
400	2/0	2/0	3/0				
500	3/0	4/0	4/0				
600	4/0	4/0					

Ampacities are based on 105°C conductor temperature, 40°C ambient air / 50% duty cycle and approximate voltage drop of 4V @ 25°C conductor temperature or 5VB @ 105°C conductor temperature.

INFINITIFLEX®

DLO - DIESEL LOCOMOTIVE CABLE
 90°C, 2000 V
 UL RHH/RHW 600 V
 CSA R90 1000 V

Conductor:

- Stranded tinned copper, annealed per AAR 589

Insulation:

- Premium grade 90°C EP or EPDM

Jacket:

- Chlorinated Polyethylene (CPE), black

Applications:

- Diesel electric locomotives
- Telecom power supply systems
- Oil and gas drilling rigs
- Mining and earth moving equipment
- Motor leads
- Shipyards
- Where flexible power leads must be installed in conduit or raceways

Features:

- 90°C temperature rating
- Excellent impact and abrasion resistance
- Resists oils, acids, alkalies, heat, flame
- Flexible tinned copper stranding

INFINITIFLEX®

WELDING CABLE
 EPDM Jacket
 -50°C to +105°C, 600 V

Conductor:

- Stranded bare copper, fully annealed

Jacket:

- EPDM jacket, black or red

Applications:

- Secondary voltage resistance welding leads
- Power supply applications not exceeding 600 volts AC

Features:

- Great flexibility
- Abrasion resistant
- Good color retention

Color Code Chart:

0 = Black	1 = Brown	2 = Red	3 = Orange	4 = Yellow
5 = Green	6 = Blue	7 = Violet	8 = Gray	9 = White



Portable Cord & Power Cable