



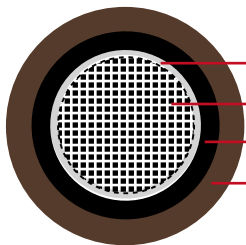
RHH-RHW, DLO, 600V - 2000V

Applications:

RHH-RHW, DLO (Diesel Locomotive Cable) type is designed for use as motor and power leads where flexibility and portability are required. DLO cables are also suitable for use in wiring diesel-electric locomotives, railroad and transit cars, earth moving equipment, offshore drilling rigs, storage batteries, charging equipment and in sizes 1/0 AWG and larger, flexible wiring for installation in conduit or tray per the NEC.



Construction:



Separator
Stranded tinned copper conductor
EPR insulation
CSPE jacket

Conductor:

Flexible stranded tin-coated copper

Separator:

A suitable opaque separator tape used over the conductor to facilitate stripping.

Insulation: EPR (Ethylene-Propylene Rubber) thermosetting compound, 90°C.

Jacket: Heavy duty, oil-resistant CPE or CSPE

Color: upon request, black is preferable

Compliances:

- ▶ ICEA S-75-381, Portable and Power Feeder Cables for use in Mines and Similar applications.
- ▶ ASTM B-33, ASTM B-172 & ASTM B-174
- ▶ UL 44 Listed as RHH-RHW
- ▶ MSHA accepted



American Standard UL

Parameters:

AWG or kcmil	Strand	Nominal insulation mils/mm		Nominal jacket mils/mm		Nominal Overall Diameter Inch/mm		Cable Weight Lbs/kft kg/km	
2000V									
14	19	0.045	1.14	0.030	0.76	0.224	5.69	35	52
12	19	0.045	1.14	0.030	0.76	0.244	6.20	45	67
10	27	0.045	1.14	0.030	0.76	0.278	7.06	65	97
8	37	0.060	1.52	0.030	0.76	0.327	8.31	89	132
6	61	0.060	1.52	0.030	0.76	0.387	9.83	130	193
5	91	0.060	1.52	0.030	0.76	0.431	10.95	176	262
4	105	0.060	1.52	0.030	0.76	0.451	11.46	197	293
3	125	0.060	1.52	0.030	0.76	0.475	12.07	227	338
2	150	0.060	1.52	0.030	0.76	0.501	12.73	263	391
1	225	0.080	2.03	0.045	1.14	0.647	16.43	415	617
1/0	275	0.080	2.03	0.045	1.14	0.697	17.70	492	732
2/0	325	0.080	2.03	0.045	1.14	0.734	18.64	564	839
3/0	450	0.080	2.03	0.045	1.14	0.812	20.62	741	1102
4/0	550	0.080	2.03	0.045	1.14	0.867	22.02	881	1311
262.6	650	0.095	2.41	0.065	1.65	0.987	25.07	1089	1620
313.1	775	0.095	2.41	0.065	1.65	1.052	26.72	1268	1887
373.7	925	0.095	2.41	0.065	1.65	1.122	28.50	1479	2200
444.4	1100	0.095	2.41	0.065	1.65	1.197	30.40	1734	2580
535.3	1325	0.110	2.79	0.065	1.65	1.305	33.15	2081	3096
646.4	1600	0.110	2.79	0.065	1.65	1.397	35.48	2461	3661
777.7	1925	0.110	2.79	0.065	1.65	1.487	37.77	2903	4319
929.2	2300	0.110	2.79	0.065	1.65	1.594	40.49	3417	5084
1111	2750	0.125	3.18	0.065	1.65	1.756	44.60	4084	6076
600V									
16	26	0.030	0.76	0.030	0.76	0.180	4.57	25	37
14	41	0.045	1.14	0.030	0.76	0.225	5.72	40	60
12	65	0.045	1.14	0.030	0.76	0.245	6.22	50	74
10	104	0.045	1.14	0.030	0.76	0.270	6.86	70	104