

Conductor
Tin-coated copper,
(various strandings)

Insulation
Flame retardant
crosslinked polyolefin

Exane®-125 Oil Rig/Commercial Marine

Single Conductor Power*

Unarmored

(XLPO)

600 & 2000 Volt

UL Marine Shipboard

(E83358)

IEEE 45, /IEEE 1580 Type P

UL 1309/CSA C22.2 No.245

Spec. DAA1048B

Scope

Exane®-125 single conductor 600 and 2000 volt cable is an extremely tough construction ideally suited for use in rugged marine/oil rig applications. The insulation has outstanding resistance to abrasion, cut-through, low and high temperatures, petrochemical fluids, sunlight,

and moisture. The material also has excellent flame retardance, acid gas, and electrical characteristics. Due to Exane's 125°C temperature rating, ampacity levels are higher. This leads to important benefits regarding size, weight, tray fill, and ease of installation.

Features

- Thermoset Insulation
- Superior mechanical properties
- Flexible construction
- Flame retardant
- Excellent fluid/oil resistance
- Moisture and sunlight resistant

Performance Standards

- IEEE-45, /IEEE 1580 Type P
- UL 1309 Marine Shipboard Cable (File E83358)
- CSA C22.2 No. 245 Marine Shipboard
- U.S. Coast Guard recognized
- Canadian Coast Guard recognized
- Performance Requirements of IEC 92-3
- Type approved ABS, DNV, NVE and Lloyds
- IEC 332-3 Category "A" Flame Test
- Insulation ICEA Standard S-95-658 and NEC Type XHHW
- IEC 60092-353
- Meets requirements of 46 CFR Parts 110 and 111

Construction

Conductor:

Annealed, Tinned copper per ASTM B33, B8 and B172

Insulation:

Irradiated crosslinked polyolefin
Exane®125°C* (Colors – as required)

* Rockbestos Surprenant rated 125°C, UL 110°C and IEEE-45 100°C

Exane®-125

Oil Rig/Commercial Marine

Single Conductor Power*

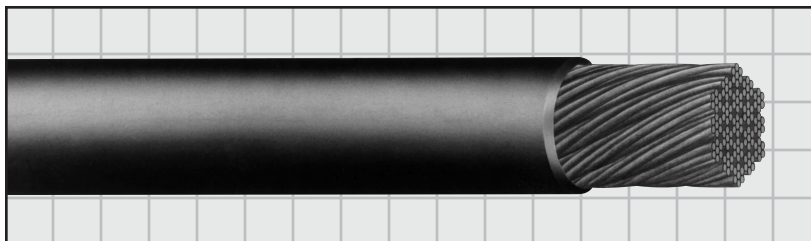
Unarmored

(XLPO) 600 & 2000 Volt

UL/CSA Marine Shipboard Cable

IEEE 45/IEEE 1580 Type P

Spec. DAA1048B



600 Volt

Product Number	Number of Conductors	AWG/		Stranding	Insulation Thickness		Nominal Overall Diameter		Approx. Net Weight	
		MCM	mm ²		Inches	mm	Inches	mm	Lbs/m'	kg/km
O1C18-600V	1	18	0.96	19/30	.030	.76	.107	2.72	11	16
O1C16-600V	1	16	1.22	19/29	.030	.76	.114	2.90	13	19
O1C14-600V	1	14	1.94	19/27	.030	.76	.127	3.23	18	27
O1C12-600V	1	12	3.08	19/25	.030	.76	.146	3.71	27	40
O1C10-600V	1	10	5.53	27/24	.030	.76	.183	4.65	45	68
O1C8-600V	1	8	7.58	37/24	.045	1.14	.231	5.87	65	97
O1C6-600V	1	6	12.50	61/24	.045	1.14	.280	7.11	101	152
O1C5-600V	1	5	18.60	91/24	.045	1.14	.330	8.38	149	222
O1C4-600V	1	4	21.50	105/24	.045	1.14	.350	8.89	165	248
O1C3-600V	1	3	25.00	125/24	.045	1.14	.375	9.53	195	290
O1C2-600V	1	2	30.70	150/24	.045	1.14	.410	10.41	233	358
O1C1-600V	1	1	46.00	225/24	.055	1.40	.495	12.57	343	515
O1C1/0-600V	1	1/0	56.30	275/24	.055	1.40	.545	13.84	408	612
O1C2/0-600V	1	2/0	66.50	325/24	.055	1.40	.590	14.99	481	722
O1C3/0-600V	1	3/0	92.10	450/24	.055	1.40	.660	16.76	653	980
O1C4/0-600V	1	4/0	112.60	550/24	.055	1.40	.720	18.29	790	1176
O1C262-600V	1	262	133.00	650/24	.065	1.65	.785	19.94	931	1385
O1C313-600V	1	313	158.60	775/24	.065	1.65	.850	21.59	1099	1635
O1C373-600V	1	373	189.30	925/24	.065	1.65	.900	22.86	1300	1934
O1C444-600V	1	444	225.10	1100/24	.065	1.65	.980	24.89	1551	2308
O1C535-600V	1	535	271.20	1325/24	.080	2.03	1.110	28.20	1930	2895
O1C646-600V	1	646	327.00	1600/24	.080	2.03	1.215	30.86	2250	3348
O1C777-600V	1	777	394.00	1925/24	.080	2.03	1.280	32.51	2670	3973
O1C1111-600V	1	1111	563.00	2750/24	.110	2.80	1.530	38.90	3780	5625

2000 Volt

Product Number	Number of Conductors	AWG/		Stranding	Insulation Thickness		Nominal Overall Diameter		Approx. Net Weight	
		MCM	mm ²		Inches	mm	Inches	mm	Lbs/m'	kg/km
O1C18-2KV	1	18	0.97	19/30	.045	1.14	.137	3.47	15	23
O1C16-2KV	1	16	1.22	19/29	.045	1.14	.144	3.66	17	25
O1C14-2KV	1	14	1.94	19/27	.045	1.14	.157	3.99	23	35
O1C12-2KV	1	12	3.08	19/25	.045	1.14	.176	4.47	32	48
O1C10-2KV	1	10	5.53	27/24	.045	1.14	.213	5.41	50	75
O1C8-2KV	1	8	7.58	37/24	.055	1.40	.252	6.40	71	106
O1C6-2KV	1	6	12.50	61/24	.055	1.40	.305	7.75	105	157
O1C5-2KV	1	5	18.60	91/24	.055	1.40	.354	8.99	157	234
O1C4-2KV	1	4	21.50	105/24	.055	1.40	.374	9.50	176	264
O1C3-2KV	1	3	25.00	125/24	.055	1.40	.399	10.13	208	312
O1C2-2KV	1	2	30.70	150/24	.055	1.40	.434	11.02	240	358
O1C1-2KV	1	1	46.00	225/24	.065	1.65	.519	13.18	360	540
O1C1/0-2KV	1	1/0	56.30	275/24	.065	1.65	.565	14.35	435	653
O1C2/0-2KV	1	2/0	66.50	325/24	.065	1.65	.610	15.50	492	738
O1C3/0-2KV	1	3/0	92.10	450/24	.065	1.65	.679	17.25	685	1028
O1C4/0-2KV	1	4/0	112.60	550/24	.105	2.67	.820	20.83	852	1278
O1C262-2KV	1	262	133.10	650/24	.105	2.67	.862	21.89	981	1460
O1C313-2KV	1	313	158.70	775/24	.105	2.67	.930	23.62	1131	1670
O1C373-2KV	1	373	189.00	925/24	.105	2.67	.980	24.89	1354	2031
O1C444-2KV	1	444	225.20	1100/24	.105	2.67	1.060	25.92	1607	2410
O1C535-2KV	1	535	271.30	1325/24	.120	3.05	1.165	29.60	1994	2990
O1C646-2KV	1	646	327.00	1600/24	.120	3.05	1.295	32.89	2303	3455
O1C777-2KV	1	777	394.00	1925/24	.120	3.05	1.360	34.54	2734	4100
O1C1111-2KV	1	1111	563.00	2750/24	.120	3.05	1.580	40.13	3743	5615