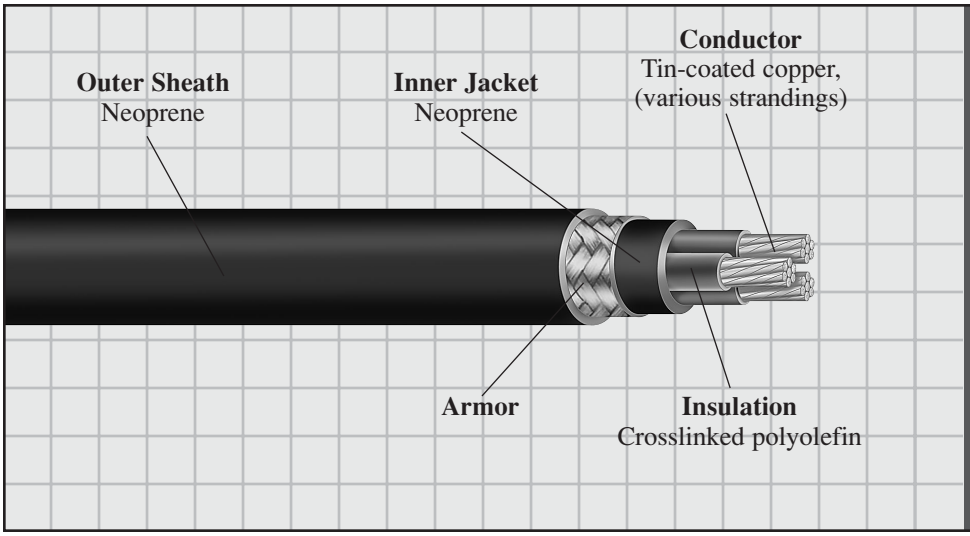

Exane-125®

Oil Rig/Commercial Marine

Multiconductor Power Cable

Armored and Sheathed

(XLPO/NEO)
600 Volt
UL Marine Shipboard
E83358
IEEE 45, /IEEE 1580 Type P
UL 1309/CSA C22.2 No.245

Spec. DAC1048C

Scope

Exane-125® multiconductor armored and sheathed drill rig power cable is ideally suited for use in rugged rig applications. These constructions provide a cable with outstanding resistance to mechanical abuse, moisture, flame, sunlight, and petrochemical fluids through a wide ambient temperature range. These cables also exceed current industry standards regarding temperature rating and ampacity which provides important benefits regarding size, weight, tray fill, and ease of installation. These cables may be supplied either with armor or with armor and sheath.

Features

- Wide insulated conductor temperature range –55°C to 125°C
- 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 S-95-658
- IEC 60092-353
- Meets requirements of 46 CFR Parts 110 and 111

Construction

Conductors:
Annealed, Tinned copper per ASTM B33, B8 and B172

Insulation:
Irradiated crosslinked polyolefin Exane® 125°C*

Color Code:**
IEEE 45-1998 Table 8-31

Fillers:
When required, flame retardant and non-hygroscopic

Binder Tape:
Non-hygroscopic and non-wicking

Inner Jacket:
Black arctic neoprene

Armor:
Bronze or aluminum

Outer Sheath:
Black arctic neoprene

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

** Other color codes available upon request

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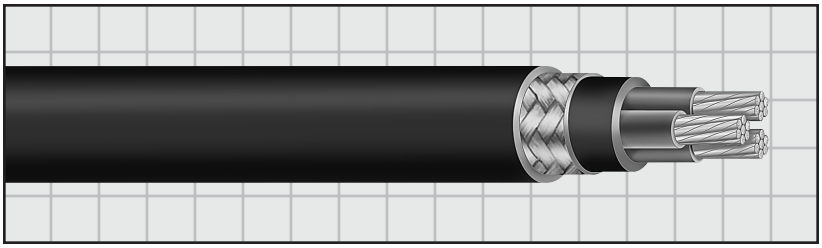

Product Number	Number of Conductors	AWG/ MCM	mm²	Stranding	Insulation Thickness Inches	Insulation Thickness mm	Nominal Overall Diameter Inches	Nominal Overall Diameter mm	Approx. Net Weight Lbs/m'	Approx. Net Weight kg/km
O2C8BN	2	8	7.57	37/24	.045	1.14	.775	19.68	441	662
O2C6BN	2	6	12.50	61/24	.045	1.14	.920	23.37	568	852
O2C5BN	2	5	18.60	91/24	.045	1.14	1.020	25.90	687	1031
O2C4BN	2	4	21.50	105/24	.045	1.14	1.090	27.69	828	1242
O2C3BN	2	3	25.60	125/24	.045	1.14	1.140	28.96	921	1382
O2C2BN	2	2	30.70	150/24	.045	1.14	1.215	30.86	988	1482
O2C1BN	2	1	46.00	225/24	.055	1.40	1.425	36.20	1392	2088
O2C1/0BN	2	1/0	56.30	275/24	.055	1.40	1.525	38.74	1598	2397
O2C2/0BN	2	2/0	66.50	325/24	.055	1.40	1.635	41.53	1850	2775
O2C3/0BN	2	3/0	92.10	450/24	.055	1.40	1.820	46.23	2600	3900
O2C4/0BN	2	4/0	112.60	550/24	.055	1.40	1.985	50.42	2932	4398
O2C262BN	2	262	133.00	650/24	.065	1.65	2.145	54.48	3269	4904
O2C313BN	2	313	158.60	775/24	.065	1.65	2.305	58.55	4000	6000
O2C373BN	2	373	189.30	925/24	.065	1.65	2.410	61.21	4660	6990
O2C444BN	2	444	225.10	1100/24	.065	1.65	2.570	65.28	5250	7875
O2C535BN	2	535	271.20	1325/24	.080	2.03	2.840	72.14	6150	9225
O2C646BN	2	646	327.50	1600/24	.080	2.03	3.065	77.85	7175	10763
O2C777BN	2	777	393.80	1925/24	.080	2.03	3.195	81.15	8400	12600
O3C8BN	3	8	7.57	37/24	.045	1.14	.815	20.70	511	767
O3C6BN	3	6	12.50	61/24	.045	1.14	.925	23.50	677	1016
O3C5BN	3	5	18.60	91/24	.045	1.14	1.105	28.07	913	1370
O3C4BN	3	4	21.50	105/24	.045	1.14	1.150	29.21	1021	1532
O3C3BN	3	3	25.60	125/24	.045	1.14	1.200	30.48	1125	1688
O3C2BN	3	2	30.70	150/24	.045	1.14	1.275	32.38	1194	1791
O3C1BN	3	1	46.00	225/24	.055	1.40	1.500	38.10	1769	2654
O3C1/0BN	3	1/0	56.30	275/24	.055	1.40	1.620	41.15	2183	3275
O3C2/0BN	3	2/0	66.50	325/24	.055	1.40	1.765	44.83	2586	3879
O3C3/0BN	3	3/0	92.10	450/24	.055	1.40	1.965	49.91	3189	4784
O3C4/0BN	3	4/0	112.60	550/24	.055	1.40	2.095	53.21	3769	5654
O3C262BN	3	262	133.00	650/24	.065	1.65	2.285	58.04	4452	6678
O3C313BN	3	313	158.60	775/24	.065	1.65	2.435	61.85	5010	7515
O3C373BN	3	373	189.30	925/24	.065	1.65	2.540	64.52	5734	8601
O3C444BN	3	444	225.10	1100/24	.065	1.65	2.745	69.72	6758	10137
O3C535BN	3	535	271.20	1325/24	.080	2.03	3.005	76.33	8190	12285
O3C646BN	3	646	327.50	1600/24	.080	2.03	3.250	82.55	9353	14030
O3C777BN	3	777	393.80	1925/24	.080	2.03	3.385	85.98	10790	16185
O4C8BN	4	8	7.57	37/24	.045	1.14	.910	23.11	598	897
O4C6BN	4	6	12.50	61/24	.045	1.14	1.030	26.16	804	1206
O4C5BN	4	5	18.60	91/24	.045	1.14	1.190	30.23	1115	1673
O4C4BN	4	4	21.50	105/24	.045	1.14	1.240	31.50	1252	1878
O4C3BN	4	3	25.60	125/24	.045	1.14	1.300	33.02	1398	2097
O4C2BN	4	2	30.70	150/24	.045	1.14	1.425	36.20	1656	2484
O4C1BN	4	1	46.00	225/24	.055	1.40	1.635	41.53	2284	3426
O4C1/0BN	4	1/0	56.30	275/24	.055	1.40	1.835	46.61	2628	3942
O4C2/0BN	4	2/0	66.50	325/24	.055	1.40	1.935	49.15	3188	4782
O4C3/0BN	4	3/0	92.10	450/24	.055	1.40	2.135	54.23	4096	6144
O4C4/0BN	4	4/0	112.60	550/24	.055	1.40	2.335	59.31	4860	7290
O4C262BN	4	262	133.00	650/24	.065	1.65	2.490	63.25	5450	8175
O4C313BN	4	313	158.60	775/24	.065	1.65	2.685	68.20	6485	9728
O4C373BN	4	373	189.30	925/24	.065	1.65	2.810	71.37	7417	11126
O4C444BN	4	444	225.10	1100/24	.065	1.65	2.995	76.07	8622	12933
O4C535BN	4	535	271.20	1325/24	.080	2.03	3.285	83.44	10484	15726
O4C646BN	4	646	327.50	1600/24	.080	2.03	3.565	90.55	12270	18405
O4C777BN	4	777	393.80	1925/24	.080	2.03	3.720	94.49	14490	21735
O5C8BN	5	8	7.57	37/24	.045	1.14	.980	24.89	713	1070
O5C6BN	5	6	12.50	61/24	.045	1.14	1.150	29.21	1011	1517
O5C5BN	5	5	18.60	91/24	.045	1.14	1.285	32.64	1350	2025
O5C4BN	5	4	21.50	105/24	.045	1.14	1.340	34.04	1505	2258
O5C3BN	5	3	25.60	125/24	.045	1.14	1.450	36.83	1775	2663
O5C2BN	5	2	30.70	150/24	.045	1.14	1.545	39.24	1984	2976
O5C1BN	5	1	46.00	225/24	.055	1.40	1.835	46.61	2806	4209
O5C1/0BN	5	1/0	56.30	275/24	.055	1.40	2.015	51.18	3266	4899
O5C2/0BN	5	2/0	66.50	325/24	.055	1.40	2.140	54.36	3898	5847
O5C3/0BN	5	3/0	92.10	450/24	.055	1.40	2.385	60.58	5013	7520
O5C4/0BN	5	4/0	112.60	550/24	.055	1.40	2.550	64.77	5899	8849