

Exane-125[®] Oil Rig/Commercial Marine

Multiconductor Control Cable
Armored and Sheathed
(XLPO/NEO)
600 Volt (14-10 AWG)
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 control 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, tinned copper

Outer Sheath:
Arctic neoprene

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

** Other color codes available upon request

Exane-125®

Oil Rig/Commercial Marine

Multiconductor Control Cable

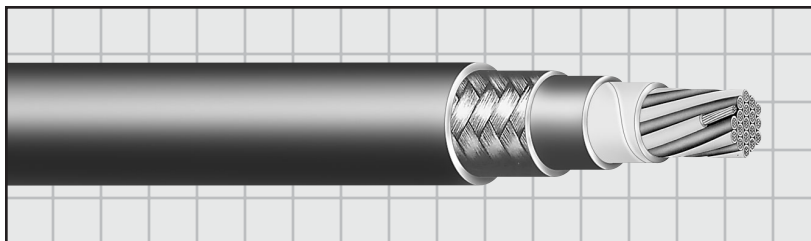
Armored and Sheathed

(XLPO/NEO) 600 Volt (14-10 AWG)

UL/CSA Marine Shipboard Cable

IEEE 45/IEEE 1580 Type P

Spec. DAC1048C



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
O2C14BN	2	14	1.94	19/27	.030	.76	.560	14.22	203	305
O2C12BN	2	12	3.08	19/25	.030	.76	.605	15.37	252	378
O2C10BN	2	10	5.53	27/24	.030	.76	.670	17.02	320	480
O3C14BN	3	14	1.94	19/21	.030	.76	.575	14.61	245	368
O3C12BN	3	12	3.08	19/25	.030	.76	.620	15.75	280	420
O3C10BN	3	10	5.53	27/24	.030	.76	.700	17.78	372	558
O4C14BN	4	14	1.94	19/27	.030	.76	.620	15.75	275	413
O4C12BN	4	12	3.08	19/25	.030	.76	.665	16.89	325	488
O4C10BN	4	10	5.53	27/24	.030	.76	.750	19.05	430	645
O5C14BN	5	14	1.94	19/27	.030	.76	.660	16.76	298	449
O5C12BN	5	12	3.08	19/25	.030	.76	.710	18.03	367	551
O5C10BN	5	10	5.53	27/24	.030	.76	.805	20.45	538	807
O6C14BN	6	14	1.94	19/27	.030	.76	.700	17.78	331	497
O6C12BN	6	12	3.08	19/25	.030	.76	.750	19.05	420	630
O6C10BN	6	10	5.53	27/24	.030	.76	.895	22.73	600	900
O7C14BN	7	14	1.94	19/27	.030	.76	.700	17.78	356	534
O7C12BN	7	12	3.08	19/25	.030	.76	.750	19.05	435	653
O7C10BN	7	10	5.53	27/24	.030	.76	.895	22.73	648	972
O8C14BN	8	14	1.94	19/27	.030	.76	.740	18.80	393	570
O8C12BN	8	12	3.08	27/24	.030	.76	.800	20.32	485	728
O8C10BN	8	10	5.53	37/24	.030	.76	.950	24.13	705	1058
O9C10BN	9	10	5.53	37/24	.030	.76	1.020	25.91	889	1334
O10C14BN	10	14	1.94	19/27	.030	.76	.830	21.08	474	711
O10C12BN	10	12	3.08	27/24	.030	.76	.940	23.88	621	932
O10C10BN	10	10	5.53	37/24	.030	.76	1.120	28.45	915	1373
O12C14BN	12	14	1.94	19/27	.030	.76	.885	22.48	552	828
O12C12BN	12	12	3.08	19/25	.030	.76	.965	24.51	630	945
O14C14BN	14	14	1.94	19/27	.030	.76	.920	23.37	595	893
O16C14BN	16	14	1.94	19/27	.030	.76	.955	24.26	650	975
O16C12BN	16	12	3.08	19/25	.030	.76	1.045	26.54	860	1290
O19C14BN	19	14	1.94	19/27	.030	.76	.995	25.27	732	1098
O20C14BN	20	14	1.94	19/27	.030	.76	1.035	26.29	774	1161
O20C12BN	20	12	3.08	19/25	.030	.76	1.175	29.85	1020	1530
O24C14BN	24	14	1.94	19/27	.030	.76	1.555	29.34	947	1421
O24C12BN	24	12	3.08	19/25	.030	.76	1.275	32.38	1170	1755
O30C14BN	30	14	1.94	19/27	.030	.76	1.215	30.86	1077	1616
O30C12BN	30	12	3.08	19/25	.030	.76	1.335	33.91	1365	2048
O37C14BN	37	14	1.94	19/27	.030	.76	1.285	32.64	1284	1926
O37C12BN	37	12	3.08	19/25	.030	.76	1.465	37.21	1685	2528
O44C14BN	44	14	1.94	19/27	.030	.76	1.455	39.96	1525	2288
O44C12BN	44	12	3.08	19/25	.030	.76	1.625	41.28	1940	2910
O60C14BN	60	14	1.94	19/27	.030	.76	1.585	40.26	1889	2834
O60C12BN	60	12	3.08	19/25	.030	.76	1.815	46.10	2619	3929
O91C14BN	91	14	1.94	19/27	.030	.76	1.915	48.64	2839	4259
O91C12BN	91	12	3.08	19/25	.030	.76	2.150	54.61	3650	5475