

Exane-125[®] Oil Rig/Commercial Marine

Multiconductor Control Cable
Armored and Sheathed
(XLPO/NEO)
600 Volt (18-16 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:

Black 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

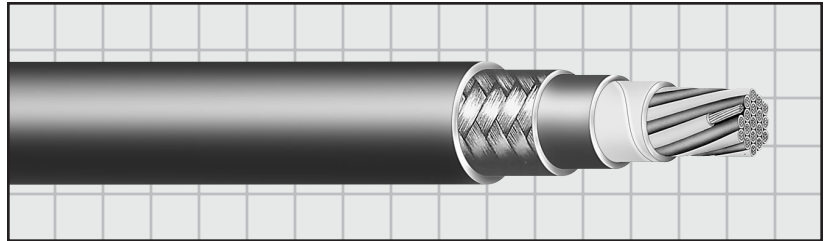
Multiconductor Control Cable

Armored and Sheathed

(XLPO/NEO) 600 Volt (18-16 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
O2C18BN	2	18	0.96	19/30	.030	.76	.525	13.34	179	269
O2C16BN	2	16	1.23	19/29	.030	.76	.535	13.59	190	285
O3C18BN	3	18	0.96	19/30	.030	.76	.540	13.72	199	299
O3C16BN	3	16	1.23	19/29	.030	.76	.550	13.97	208	312
O4C18BN	4	18	0.96	19/30	.030	.76	.575	14.61	225	338
O4C16BN	4	16	1.23	19/29	.030	.76	.590	14.99	235	353
O5C18BN	5	18	0.96	19/30	.030	.76	.605	15.37	250	375
O5C16BN	5	16	1.23	19/29	.030	.76	.620	15.75	265	398
O6C18BN	6	18	0.96	19/30	.030	.76	.630	16.00	270	405
O6C16BN	6	16	1.23	19/29	.030	.76	.665	16.64	283	425
O7C18BN	7	18	0.96	19/30	.030	.76	.635	16.13	282	423
O7C16BN	7	16	1.23	19/29	.030	.76	.655	16.64	300	450
O8C18BN	8	18	0.96	19/30	.030	.76	.670	17.11	310	465
O8C16BN	8	16	1.23	19/29	.030	.76	.695	17.65	352	528
O10C18BN	10	18	0.96	19/30	.030	.76	.745	18.92	365	548
O10C16BN	10	16	1.23	19/29	.030	.76	.770	19.56	395	593
O12C18BN	12	18	0.96	19/30	.030	.76	.760	19.30	385	578
O12C16BN	12	16	1.23	19/29	.030	.76	.790	20.07	430	645
O16C18BN	16	18	0.96	19/30	.030	.76	.865	21.97	540	810
O16C16BN	16	16	1.23	19/29	.030	.76	.890	22.61	555	833
O18C16BN	18	16	1.23	19/29	.030	.76	.930	23.62	585	878
O20C18BN	20	18	0.96	19/30	.030	.76	.930	23.62	575	863
O20C16BN	20	16	1.23	19/29	.030	.76	.960	24.38	639	959
O22C16BN	22	16	1.23	19/29	.030	.76	.995	25.27	674	1011
O24C18BN	24	18	0.96	19/30	.030	.76	.995	25.27	645	968
O24C16BN	24	16	1.23	19/29	.030	.76	1.045	26.54	720	1080
O30C18BN	30	18	0.96	19/30	.030	.76	1.000	25.40	780	1170
O30C16BN	30	16	1.23	19/29	.030	.76	1.130	28.70	860	1290
O37C18BN	37	18	0.96	19/30	.030	.76	1.145	29.08	890	1335
O37C16BN	37	16	1.23	19/29	.030	.76	1.195	30.35	973	1460
O44C18BN	44	18	0.96	19/30	.030	.76	1.255	31.88	1025	1538
O44C16BN	44	16	1.23	19/29	.030	.76	1.315	33.40	1170	1755
O45C18BN	45	18	0.96	19/30	.030	.76	1.255	31.88	1055	1583
O60C18BN	60	18	0.96	19/30	.030	.76	1.360	34.54	1355	2033
O60C16BN	60	16	1.23	19/29	.030	.76	1.465	37.21	1485	2228
O91C18BN	91	18	0.96	19/30	.030	.76	1.635	41.53	1850	2775
O91C16BN	91	16	1.23	19/29	.030	.76	1.747	44.37	2145	3218