

Exane-125[®]

Oil Rig/Commercial Marine

Multiconductor Control Cable
Unarmored

(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 unarmored 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.

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

Jacket:

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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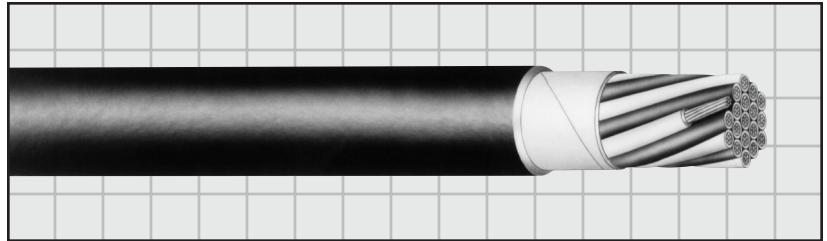
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(XLPO/NEO) 600 Volt (18-16 AWG)

UL/CSA Marine Shipboard Cable

IEEE 45/IEEE 1580 Type P

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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
O2C18	2	18	0.96	19/30	.030	.76	.340	8.64	54	81
O2C16	2	16	1.23	19/29	.030	.76	.355	9.02	80	97
O3C18	3	18	0.96	19/30	.030	.76	.360	9.14	71	107
O3C16	3	16	1.23	19/29	.030	.76	.370	9.40	80	120
O4C18	4	18	0.96	19/30	.030	.76	.390	9.91	85	128
O4C16	4	16	1.23	19/29	.030	.76	.400	10.16	92	138
O5C18	5	18	0.96	19/30	.030	.76	.425	10.80	102	153
O5C16	5	16	1.23	19/29	.030	.76	.440	11.18	118	177
O6C18	6	18	0.96	19/30	.030	.76	.450	11.43	122	183
O6C16	6	16	1.23	19/29	.030	.76	.475	12.07	135	203
O7C18	7	18	0.96	19/30	.030	.76	.450	11.43	129	193
O7C16	7	16	1.23	19/29	.030	.76	.475	12.07	146	219
O8C18	8	18	0.96	19/30	.030	.76	.490	12.45	140	210
O8C16	8	16	1.23	19/29	.030	.76	.510	12.95	174	261
O10C18	10	18	0.96	19/30	.030	.76	.560	14.22	173	259
O10C16	10	16	1.23	19/29	.030	.76	.585	14.86	200	300
O12C18	12	18	0.96	19/30	.030	.76	.575	14.61	196	294
O12C16	12	16	1.23	19/29	.030	.76	.605	15.37	225	338
O16C18	16	18	0.96	19/30	.030	.76	.640	16.26	250	375
O16C16	16	16	1.23	19/29	.030	.76	.670	17.02	300	450
O18C16	18	16	1.23	19/29	.030	.76	.705	17.91	333	500
O20C18	20	18	0.96	19/30	.030	.76	.705	17.91	305	458
O20C16	20	16	1.23	19/29	.030	.76	.735	18.67	364	546
O22C16	22	16	1.23	19/29	.030	.76	.770	19.56	393	590
O24C18	24	18	0.96	19/30	.030	.76	.770	19.56	350	525
O24C16	24	16	1.23	19/29	.030	.76	.820	20.83	430	645
O30C18	30	18	0.96	19/30	.030	.76	.815	20.70	450	675
O30C16	30	16	1.23	19/29	.030	.76	.905	22.99	528	792
O37C18	37	18	0.96	19/30	.030	.76	.920	23.37	550	825
O37C16	37	16	1.23	19/29	.030	.76	.970	24.64	637	956
O44C18	44	18	0.96	19/30	.030	.76	1.030	26.16	645	968
O44C16	44	16	1.23	19/29	.030	.76	1.085	27.56	776	1164
O45C18	45	18	0.96	19/30	.030	.76	1.030	26.16	655	983
O60C18	60	18	0.96	19/30	.030	.76	1.135	28.83	840	1260
O60C16	60	16	1.23	19/29	.030	.76	1.200	30.48	958	1437
O91C18	91	18	0.96	19/30	.030	.76	1.350	34.29	1230	1845
O91C16	91	16	1.23	19/29	.030	.76	1.460	37.08	1538	2307