

## Exane-125<sup>®</sup> Oil Rig/Commercial Marine

Composite Power Cable

Unarmored

(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<sup>®</sup> multiconductor unarmored 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.

## 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<sup>®</sup> 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

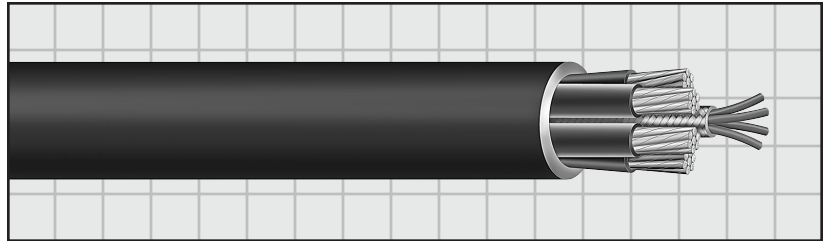
### Jacket:

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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 (XLPO/NEO) 600 Volt  
 UL/CSA Marine Shipboard Cable  
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Product Number	Number of Conductors	AWG/ MCM	mm <sup>2</sup>	Stranding	Insulation Thickness		Nominal Overall Diameter		Approx. Net Weight	
					Inches	mm	Inches	mm	Lbs/m'	kg/km
O4C12COMP	4	12	3.08	19/25	.030	.76	.788	20.02	351	526
	4	14 (shielded)	1.94	19/27	.030	.76				
O4C10COMP	4	10	5.53	37/24	.030	.76	.830	21.08	410	615
	4	14 (shielded)	1.94	19/27	.030	.76				
O4C8COMP	4	8	7.57	37/24	.045	1.14	.975	24.77	621	932
	4	14 (shielded)	1.94	19/27	.030	.76				
O4C4COMP	4	4	21.50	105/24	.045	1.14	1.193	30.30	965	1387
	4	14 (shielded)	1.94	19/27	.030	.76				
O4C2COMP	4	2	30.70	150/24	.045	1.14	1.305	33.15	1383	2074
	4	14 (shielded)	1.94	19/27	.030	.76				
O4C1COMP	4	1	1.94	225/24	.055	1.40	1.523	36.68	1934	2900
	4	14 (shielded)	1.94	19/27	.030	.76				