

**Exane-125<sup>®</sup>**  
**Oil Rig/Commercial Marine**  
 Signal Cable  
 Unarmored  
 (XLPO/NEO)  
 Unshielded Composite Pairs  
 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 signal cables are ideally suited for use in signal applications including electronic governor actuators, interconnect cable for driller consoles, and SCR systems located in a high electrostatic noise environment. 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 provide important benefits regarding size, weight, tray fill, and ease of installation.

## Features

- Wide insulated conductor temperature range -55°C to 125°C
- Thermoset Insulation
- 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\*

### Pair Assembly:

Two insulated conductors twisted

### Cabling:

Required number of pairs cabled together with a binder tape

### Color Code\*\*:

IEEE 45-1998 Table 8-31

### Jacket:

Black arctic neoprene

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

\*\* Other color codes available upon request

# Exane-125<sup>®</sup>

## Oil Rig/Commercial Marine

Signal Cable

Unarmored

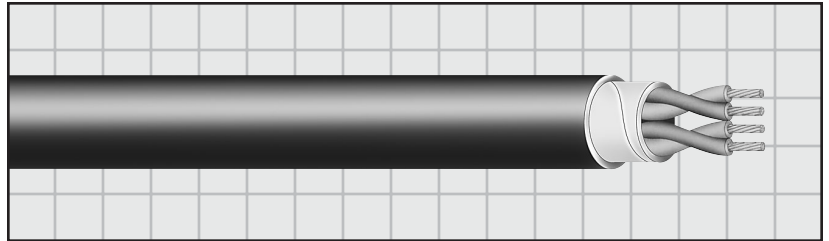
(XLPO/NEO) 600 Volt

Unshielded Composite Cable\*

UL/CSA Marine Shipboard Cable

IEEE 45/IEEE 1580 Type P

**Spec. DAC1048C**



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
O1PSPEC/COMM	2	18	0.96	19/30	.030	.76	.338	8.59	58	87
				19/27	.030	.76				
O8PSPEC/COMM	8	18	0.96	19/30	.030	.76	.628	15.95	200	300
		14	1.94	19/27	.030	.76				
O14CSPEC/COMM	14	18	0.96	19/30	.030	.76	.748	19.00	263	395
		14	1.94	19/27	.030	.76				
O16CSPEC/COMM	16	18	0.96	19/30	.030	.76	.790	20.00	310	465
		14	1.94	19/27	.030	.76				

\* Check factory for specific construction