

Exane-125[®] Oil Rig/Commercial Marine

Signal Cable
Armored and Sheathed
(XLPO/NEO)
Multi-Unshielded Pairs With
Overall Braid Shield
600 Volt
UL Marine Shipboard (E83358)
IEEE 45, /IEEE 1580 Type P
UL 1309/CSA C22.2 No.245
Spec. DAC1048C

Scope

Exane-125[®] 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. These cables may be supplied either with armor or with armor and sheath.

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[®] 125°C*
- Pair Assembly:**
Two insulated conductors twisted
- Cabling:**
Required number of pairs cabled together
- Binder Tape:**
Helically applied
- Shield System:**
Tin coated copper braid
- Color Code**:**
IEEE 45-1998 Table 8-31
- Inner Jacket:**
Black arctic neoprene
- Armor:**
Bronze or aluminum, tinned copper
- Outer 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®

Oil Rig/Commercial Marine

Signal Cable

Armored and Sheathed

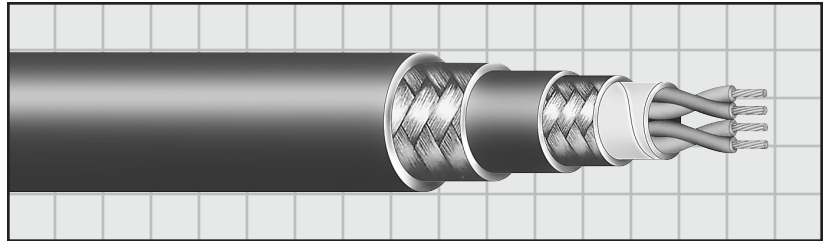
(XLPO/NEO) 600 Volt

Multi-Unshielded Pairs With Overall Braid Shield

UL/CSA Marine Shipboard Cable

IEEE 45/IEEE 1580 Type P

Spec. DAC1048C



Product Number	Number of Pairs	AWG/ MCM	mm ²	Stranding	Insulation Thickness		Nominal Overall Diameter		Approx. Net Weight	
					Inches	mm	Inches	mm	Lbs/m'	kg/km
O1P18OBSBN	1	18	0.96	19/30	.030	.76	.547	13.89	198	297
O2P18OBSBN	2	18	0.96	19/30	.030	.76	.690	17.53	304	456
O4P18OBSBN	4	18	0.96	19/30	.030	.76	.766	19.45	385	578
O7P18OBSBN	7	18	0.96	19/30	.030	.76	.874	22.20	530	795
O9P18OBSBN	9	18	0.96	19/30	.030	.76	.930	23.62	740	1110
O10P18OBSBN	10	18	0.96	19/30	.030	.76	1.090	27.68	768	1152
O14P18OBSBN	14	18	0.96	19/30	.030	.76	1.162	29.51	887	1330
O15P18OBSBN	15	18	0.96	19/30	.030	.76	1.253	31.82	946	1419