

Exane-125[®]
Oil Rig/Commercial Marine
 Signal Cable
 Armored and Sheathed (XLPO/NEO)
 Multi-Conductor Shielded
 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*

Shield System:**
 Helically applied aluminum/polyester laminated tape shield in continuous contact with a tin-coated copper drain wire

Color Code*:**
 IEEE 45-1998 Table 8-31

Inner Jacket:
 Black arctic neoprene

Armor:
 Bronze or aluminum, tinned copper

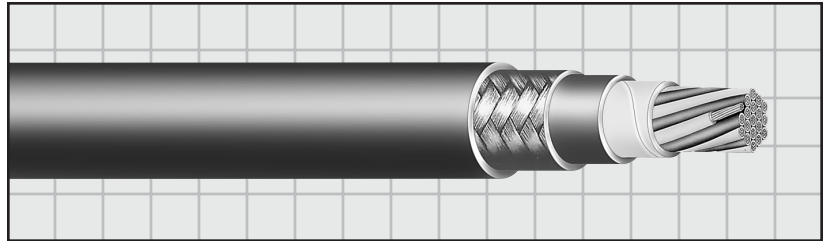
Outer Jacket:
 Black arctic Neoprene

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

** Tinned copper braid optional

*** Other color codes available upon request

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IEEE 45/IEEE 1580 Type P
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Product Number	Number of Conductors	AWG/ MCM	mm ²	Stranding	Insulation Thickness		Nominal Overall Diameter		Approx. Net Weight	
					Inches	mm	Inches	mm	Lbs/m'	kg/km
O3C20OSBN	3	20	0.61	19/32	.030	.76	.520	13.20	177	265
O4C20OSBN	4	20	0.61	19/32	.030	.76	.545	13.84	197	295
O5C20OSBN	5	20	0.61	19/32	.030	.76	.578	14.68	218	327
O6C20OSBN	6	20	0.61	19/32	.030	.76	1.605	15.37	237	355
O3C18OSBN	3	18	0.96	19/30	.030	.76	.551	14.00	207	310
O4C18OSBN	4	18	0.96	19/30	.030	.76	.570	14.48	222	333
O5C18OSBN	5	18	0.96	19/30	.030	.76	.600	15.24	246	369
O6C18OSBN	6	18	0.96	19/30	.030	.76	.635	16.13	269	403
O25C18OSBN	25	18	0.96	19/30	.030	.76	1.095	27.81	750	1125
O3C16OSBN	3	16	1.22	19/29	.030	.76	.554	14.07	213	319
O4C16OSBN	4	16	1.22	19/29	.030	.76	.584	14.83	239	358
O5C16OSBN	5	16	1.22	19/29	.030	.76	.618	15.70	262	393
O6C16OSBN	6	16	1.22	19/29	.030	.76	.652	16.56	297	445
O12C16OSBN	12	16	1.22	19/29	.030	.76	.910	23.11	545	817
O6C14OSBN	6	14	1.94	19/27	.030	.76	.690	17.53	345	517
O4C10OSBN	4	10	5.53	27/24	.030	.76	.750	19.05	459	688