

Exane-125[®]
Oil Rig/Commercial Marine
 Signal Cable
 Unarmored
 (XLPO/NEO)
 Multi-Conductor Shielded
 (Braid)
 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.

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*

Assembly:

Individual conductors cabled with a binder tape

Shield:

Tin-coated copper braid

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®

Oil Rig/Commercial Marine

Signal Cable

Unarmored

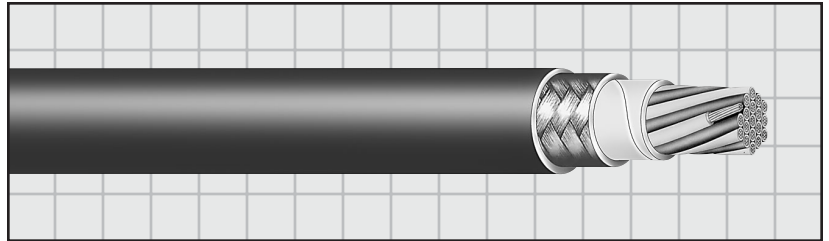
(XLPO/NEO) 600 Volt

Multi-Conductor Shielded (Braid)

UL/CSA Marine Shipboard Cable

IEEE 45/IEEE 1580 Type P

Spec. DAC1048C



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
O4C18OBS	4	20	0.61	19/32	.030	.76	.386	9.80	94	141
O3C18OBS	3	18	0.96	19/30	.030	.76	.385	9.78	91	136
O4C18OBS	4	18	0.96	19/30	.030	.76	.412	10.46	109	163
O7C18OBS	7	18	0.96	19/30	.030	.76	.480	12.19	158	237
O12C18OBS	12	18	0.96	19/30	.030	.76	.599	15.21	246	369
O20C18OBS	20	18	0.96	19/30	.030	.76	.755	19.18	376	564
O15C16OBS	15	16	1.22	19/29	.030	.76	.695	17.65	341	511
O16C16OBS	16	16	1.22	19/29	.030	.76	.695	17.65	345	517
O19C16OBS	19	16	1.22	19/29	.030	.76	.729	18.51	390	585
O37C16OBS	37	16	1.22	19/29	.030	.76	.997	25.32	715	1072
O2C14OBS	2	14	1.94	19/27	.030	.76	.404	10.26	101	151
O3C14OBS	3	14	1.94	19/27	.030	.76	.423	10.74	122	183
O4C14OBS	4	14	1.94	19/27	.030	.76	.480	12.19	154	231
O5C14OBS	5	14	1.94	19/27	.030	.76	.498	12.65	185	277
O6C14OBS	6	14	1.94	19/27	.030	.76	.536	13.61	224	336
O7C14OBS	7	14	1.94	19/27	.030	.76	.536	13.61	247	370
O14C14OBS	14	14	1.94	19/27	.030	.76	.723	18.36	402	603
O19C14OBS	19	14	1.94	19/27	.030	.76	.798	20.27	509	763
O30C14OBS	30	14	1.94	19/27	.030	.76	1.017	25.98	797	1196
O44C14OBS	44	14	1.94	19/27	.030	.76	1.219	30.96	1113	1669
O60C14OBS	60	14	1.94	19/27	.030	.76	1.346	34.19	1452	2178
O91C14OBS	91	14	1.94	19/27	.030	.76	1.660	42.16	2191	3286