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Bostrig Type P

CABLE SOLUTIONS FOR THE OIL AND GAS INDUSTRY



U.S. Toll Free: **1-800-945-5542** Canada Toll Free: **1-877-611-5122**
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Type P Marine and Offshore cable is primarily designed for power, control, signal and instrumentation applications for offshore, land rigs, marine vessels and drilling rigs.

Type P cables have excellent resistance to oil, abrasion, moisture, sunlight, and ester-based mud (Type P-MR). They are suitable for use in Class 1, Division 1 and Zone 1 applications (armored & sheathed) and meets the crush and impact resistance requirements (C&IR) of UL 2225. The standard insulation has a continuous operating temperature of 125C allowing for higher ampacity levels. Larger diameter cables carry a new flexible design. They satisfy Transport Canada's cold bend at -40C and cold impact at -35C (CSA C 22.2 No. 0.3).

Ratings

- Meets IEEE 1580 (2001) and the flame test in IEC 60332-3, CAT A
- ETL listed per IEEE 1580 (2001), UL 1309/CSA 245 and IEEE 45 (1998) for 600V & 2000V
- Bostrig 125 Type P cables comply to UL 1277 Type TC exposed run requirements and with Crush and Impacts requirements of UL 2225

Approvals

- ETL/Intertek Testing Services Listed as Marine Shipboard Cable in accordance with IEEE 45 (1993 draft), IEEE 45 (1998), IEEE 1580 (2001), UL 1309/CSA245 and the performance requirements of IEC 60092-3
- Det Norske Veritas Type Approval Certificates E-6849, E-6850, E-6851, E-6852 and E-6853
- American Bureau of Shipping Approval Certificate B315003-X
- Lloyds Registry of Shipping Approval Certificates No. 95/00161(E2) and 95-00162(E2)
- Transport Canada Approved AMS400/20/2



PRYSMIAN



BOSTRIG 125 TYPE P POWER CABLE

An extremely rugged flexible power cable, suitable for use in circuits rated for 2000V & 600/1000V. This cable is suitable for applications in both inland and offshore oil and gas drilling rigs.

Power Distribution			UNARMORED				ARMORED & SHEATHED			
Size	Voltage	Conductor	Cable Diameter		Cable Weight		Cable Diameter		Cable Weight	
			INCHES	MM	LBS/MFT	KG/KM	INCHES	MM	LBS/MFT	KG/KM
4/0	2000	1	0.690	20.8	890	1325	1.040	26.40	1195	1778
262	2000	1	0.820	22.1	1030	1533	1.090	27.70	1350	2009
313	2000	1	0.935	23.8	1210	1801	1.155	29.30	1550	2307
373	2000	1	1.005	25.5	1420	2113	1.225	31.10	1785	2656
444	2000	1	1.075	27.3	1680	2500	1.295	32.90	2065	3073
535	2000	1	1.195	30.4	2025	3014	1.475	37.50	2540	3780
646	2000	1	1.295	32.9	2395	3564	1.575	40.00	2950	4390
777	2000	1	1.385	35.2	2855	4249	1.665	42.30	3450	5134
1111	2000	1	1.595	40.5	3965	5901	1.990	48.30	4700	6994
Power Distribution			UNARMORED				ARMORED & SHEATHED			
Size	Voltage	Conductor	Cable Diameter		Cable Weight		Cable Diameter		Cable Weight	
			INCHES	MM	LBS/MFT	KG/KM	INCHES	MM	LBS/MFT	KG/KM
8	600/1000	3	0.625	15.9	275	409	0.835	21.20	840	714
8	600/1000	4	0.690	17.5	350	521	0.835	21.20	605	900
6	600/1000	3	0.750	19.1	420	625	0.965	24.50	700	1042
6	600/1000	4	0.820	20.8	540	804	0.965	24.50	890	1324
6	600/1000	5	0.955	24.3	700	1042	1.175	29.90	1045	1555
4	600/1000	3	0.925	23.5	695	1034	1.140	29.00	1040	1548
4	600/1000	4	1.020	25.9	885	1317	1.140	29.00	1265	1883
4	600/1000	5	1.125	28.6	1100	1637	1.345	34.20	1510	2247
2	600/1000	3	1.045	26.5	915	1362	1.265	32.10	1295	1927
2	600/1000	4	1.160	29.5	1170	1741	1.265	32.10	1675	2493
1	600/1000	3	1.225	31.1	1320	1964	1.505	38.20	1850	2753
1	600/1000	4	1.360	34.5	1710	2545	1.505	38.20	2300	3423
1/0	600/1000	3	1.340	34.0	1610	2395	1.620	41.20	2190	3259
1/0	600/1000	4	1.510	38.4	2100	3125	1.620	41.20	2860	4256
2/0	600/1000	3	1.440	36.6	1885	2805	1.730	43.90	2500	3720
2/0	600/1000	4	1.590	40.4	2410	3586	1.730	43.90	3150	4688
3/0	600/1000	3	1.665	42.3	2560	3810	1.975	50.20	3330	4955
3/0	600/1000	4	1.875	47.6	3360	5000	1.975	50.20	4220	6280

*ADDITIONAL CONFIGURATIONS AVAILABLE UPON REQUEST

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BOSTRIG 125 TYPE P CONTROL CABLE

Bostrig Type P Control Cable is used in applications where an extremely rugged multiple conductor cable is needed to monitor communications between electrical circuits.

Control			UNARMORED				ARMORED & SHEATHED			
Size	Voltage	Conductor	Cable Diameter		Cable Weight		Cable Diameter		Cable Weight	
			INCHES	MM	LBS/MFT	KG/KM	INCHES	MM	LBS/MFT	KG/KM
14	600/1000	2	0.380	6.7	77	115	0.560	14.20	205	305
14	600/1000	3	0.390	9.9	100	149	0.575	14.60	240	357
14	600/1000	4	0.430	10.9	115	171	0.620	15.80	275	409
14	600/1000	5	0.475	12.1	147	218	0.660	16.80	305	454
14	600/1000	7	0.515	13.1	180	268	0.700	17.80	355	528
14	600/1000	20	0.820	20.8	495	737	1.040	26.40	770	1146
14	600/1000	24	0.950	24.1	585	871	1.170	29.70	930	1384
14	600/1000	30	1.005	25.5	695	1034	1.225	31.10	1060	1577
14	600/1000	37	1.080	27.4	850	1265	1.305	33.20	1240	1845
12	600/1000	2	0.425	10.8	100	149	0.605	15.40	250	372
12	600/1000	3	0.440	11.2	135	201	0.620	15.80	285	424
12	600/1000	4	0.475	12.1	155	231	0.665	16.90	325	484
12	600/1000	5	0.525	13.3	190	283	0.710	18.00	370	551
12	600/1000	7	0.570	14.5	245	365	0.750	19.10	435	647
12	600/1000	10	0.720	18.3	355	528	0.940	23.90	620	923
12	600/1000	20	0.955	24.3	680	1012	1.175	29.90	1020	1518
12	600/1000	24	1.060	26.9	795	1183	1.280	32.50	1180	1756
12	600/1000	30	1.120	28.5	955	1421	1.340	34.00	1370	2039
12	600/1000	37	1.210	30.7	1140	1697	1.490	37.90	1685	2508
10	600/1000	2	0.490	12.5	115	171	0.670	17.00	315	469
10	600/1000	3	0.520	13.2	200	298	0.695	17.70	370	551
10	600/1000	4	0.565	14.4	240	357	0.750	19.10	430	640
10	600/1000	5	0.620	15.8	295	439	0.820	20.80	500	744
10	600/1000	6	0.675	17.2	350	521	0.895	22.70	600	893
10	600/1000	7	0.675	17.2	390	580	0.895	22.70	640	952
10	600/1000	10	0.895	22.7	590	878	1.112	28.50	910	1354

*ADDITIONAL CONFIGURATIONS AVAILABLE UPON REQUEST

*THREE CONDUCTOR COLOR CODES - BLACK/WHITE/GREEN & BLACK/WHITE/RED AVAILABLE

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BOSTRIG 125

TYPE P SIGNAL CABLE

Bostrig Type P Signal Cable is used in signal transmission applications where a cable pair or triad, with individual and overall shields is needed to eliminate both electrostatic and electromagnetic interference.

Signal Pairs			UNARMORED				ARMORED & SHEATHED			
Size	Voltage	Pairs	Cable Diameter		Cable Weight		Cable Diameter		Cable Weight	
			INCHES	MM	LBS/MFT	KG/KM	INCHES	MM	LBS/MFT	KG/KM
18	600/1000	1	0.350	8.9	65	97	0.535	13.60	185	275
18	600/1000	2	0.605	15.4	160	238	0.785	19.50	350	521
18	600/1000	4	0.675	17.2	225	335	0.895	22.70	465	692
18	600/1000	8	0.960	24.4	440	655	1.180	30.00	725	1079
18	600/1000	12	1.045	26.5	565	841	1.265	32.10	910	1354
18	600/1000	16	1.160	29.5	720	1071	1.440	36.60	1135	1689
18	600/1000	24	1.450	36.8	1060	1577	1.760	44.70	1680	2500
16	600/1000	1	0.350	8.9	65	97	0.535	13.60	190	283
16	600/1000	2	0.620	15.6	170	253	0.805	20.50	350	521
16	600/1000	4	0.965	17.7	240	357	0.920	23.40	490	729
16	600/1000	8	0.985	25.0	475	707	1.205	30.60	800	1191
16	600/1000	12	1.065	27.1	585	871	1.285	32.60	965	1436
16	600/1000	16	1.185	30.1	750	1116	1.465	37.20	1255	1868
16	600/1000	24	1.520	38.6	1165	1734	1.835	46.60	1860	2786
Signal Triads			UNARMORED				ARMORED & SHEATHED			
Size	Voltage	Triads	Cable Diameter		Cable Weight		Cable Diameter		Cable Weight	
			INCHES	MM	LBS/MFT	KG/KM	INCHES	MM	LBS/MFT	KG/KM
18	600/1000	1	0.360	9.1	75	111	0.540	13.70	200	298
18	600/1000	4	0.705	17.9	265	394	0.930	23.60	525	781
18	600/1000	8	0.955	24.5	495	737	1.175	29.90	825	1228
18	600/1000	12	1.155	29.3	715	1064	1.440	36.60	1180	1756
16	600/1000	1	0.370	9.4	85	126	0.550	14.00	210	313
16	600/1000	4	0.740	18.8	295	439	0.960	24.40	570	848
16	600/1000	8	1.070	27.2	625	930	1.290	32.80	950	1414
16	600/1000	12	1.215	30.9	805	1198	1.495	38.00	1280	1905

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