



Draka

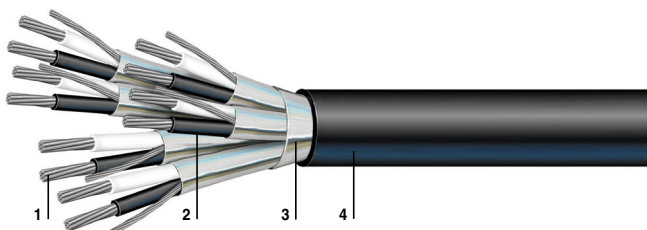
Draka Cableteq | Marine, Oil & Gas International

Bostrig Type P

0807

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BOSTRIG™ TYPE P SIGNAL CABLE 600V OR 0.6/1kV



Individual and overall shielded multipair /
unarmored

TYPE P SIGNAL CABLE

600V or 0.6/1kV

16 & 14 AWG

Applications

Bostrig™ Type P Marine and Offshore Cable is primarily designed for power, control, signal and instrumentation applications for offshore, land rigs, marine vessels and oil and gas drilling rigs.

Bostrig cables have excellent resistance to oil, abrasion, moisture, sunlight and ester-based mud (Type P-MR).

The standard insulation has a continuous operating temperature of 125°C allowing for higher ampacity levels. Larger diameter cables carry a new flexible design. They satisfy Transport Canada's cold bend at -40°C and cold impact at -35°C (CSA C 22.2 No. 0.3).

This product is readily available in an armored and sheathed version.

Approvals

ETL/Intertek Testing Services Listed as Marine Shipboard Cable in accordance with IEEE 45 (1998), IEEE 1580 (2001), UL1309/CSA245 and the performance requirements of IEC 60092-3.

Det Norske Veritas Type Approval Certificates E8792, E8793, E8794, E8795 and E8796.

American Bureau of Shipping Approval Certificate 03-HS347018C/3-PDA.

Lloyds Registry of Shipping Approval Certificates No. 95/00161 (E3) and 95-00162(E3)

Transport Canada Approved AMS400-20-2

Manufactured to BIW Specifying Standard J106

Construction

1. Conductors	Soft annealed stranded tinned copper per ASTM B 33. A polyester tape separator is used over the conductor.
2. Insulation	Bostrig Type P chemically cross-linked polyolefin (XLPO), meeting IEEE 1580 (2001).
3. Shield	An aluminum/polyester tape with drain wire, 100% coverage, is applied over each twisted pair and the cabled core. The single pair construction has only the overall shield.
4. Jacket	Flame-retardant Arctic Neoprene, complying with Type N Neoprene as required in IEEE-1580 (2001). Thickness as shown in tables on opposite page.

Features

- Superior resistance to oil, abrasion, moisture, sunlight, mud, crush and impact
- Meets IEEE standards for 600V / IEC standards for 0.6/1kV

Ratings

Meets all test requirements of IEEE 1580 (2001) and the flame test in IEC 60332-3, Category A.

Listed by ETL per IEEE 1580 (2001), UL 1309/CSA 245 and IEEE 45 (1998) for 600V.

Bostrig Type P cables comply with the Crush and Impact requirements of UL 2225.



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**BOSTRIG™ TYPE P SIGNAL CABLE****individual and overall shielded multipair / unarmored and sheathed
16 & 14 AWG / 600V or 0.6/1kV****16 AWG • 1.23 mm²**

Type Designation	Draka Number	Number of Pairs	Insulation Thickness in • mm	Sheath Thickness in • mm	Cable Diameter (nominal) in • mm	Cable Weight (approximate) Lbs/mft • Kg/km
TP(OS)16PN-1	026364	1	.030 • 0.76	.060 • 1.5	.350 • 8.9	65 • 97
TP(I/S-O)16PN-2	026365	2	.030 • 0.76	.060 • 1.5	.620 • 15.6	170 • 253
TP(I/S-O)16PN-3	026366	3	.030 • 0.76	.060 • 1.5	.665 • 16.9	215 • 320
TP(I/S-O)16PN-4	026367	4	.030 • 0.76	.060 • 1.5	.695 • 17.7	240 • 357
TP(I/S-O)16PN-5	026368	5	.030 • 0.76	.060 • 1.5	.740 • 18.8	275 • 409
TP(I/S-O)16PN-6	026369	6	.030 • 0.76	.060 • 1.5	.805 • 20.1	320 • 476
TP(I/S-O)16PN-7	026370	7	.030 • 0.76	.060 • 1.5	.805 • 20.1	345 • 513
TP(I/S-O)16PN-8	026371	8	.030 • 0.76	.080 • 2.0	.985 • 25.0	475 • 707
TP(I/S-O)16PN-10	026372	10	.030 • 0.76	.080 • 2.0	1.010 • 25.7	510 • 759
TP(I/S-O)16PN-12	026373	12	.030 • 0.76	.080 • 2.0	1.065 • 27.1	585 • 871
TP(I/S-O)16PN-16	026374	16	.030 • 0.76	.080 • 2.0	1.185 • 30.1	750 • 1116
TP(I/S-O)16PN-20	026375	20	.030 • 0.76	.080 • 2.0	1.305 • 33.2	915 • 1362
TP(I/S-O)16PN-24	026376	24	.030 • 0.76	.110 • 2.8	1.520 • 38.6	1165 • 1734

14 AWG • 1.94 mm²

Type Designation	Draka Number	Number of Pairs	Insulation Thickness in • mm	Sheath Thickness in • mm	Cable Diameter (nominal) in • mm	Cable Weight (approximate) Lbs/mft • Kg/km
TP(OS)14PN-1	026377	1	.030 • 0.76	.060 • 1.5	.395 • 10.0	85 • 126
TP(I/S-O)14PN-2	026378	2	.030 • 0.76	.060 • 1.5	.640 • 16.3	180 • 268
TP(I/S-O)14PN-3	026379	3	.030 • 0.76	.060 • 1.5	.680 • 17.3	235 • 350
TP(I/S-O)14PN-4	026380	4	.030 • 0.76	.060 • 1.5	.650 • 19.1	290 • 432
TP(I/S-O)14PN-5	026381	5	.030 • 0.76	.060 • 1.5	.810 • 20.6	345 • 513
TP(I/S-O)14PN-6	026382	6	.030 • 0.76	.080 • 2.0	.920 • 23.4	450 • 670
TP(I/S-O)14PN-7	026383	7	.030 • 0.76	.080 • 2.0	.920 • 23.4	475 • 707
TP(I/S-O)14PN-8	026384	8	.030 • 0.76	.080 • 2.0	.995 • 25.3	540 • 804
TP(I/S-O)14PN-10	026385	10	.030 • 0.76	.080 • 2.0	1.070 • 27.2	635 • 945
TP(I/S-O)14PN-12	026386	12	.030 • 0.76	.080 • 2.0	1.165 • 29.6	760 • 1131
TP(I/S-O)14PN-16	026387	16	.030 • 0.76	.080 • 2.0	1.300 • 33.0	975 • 1451
TP(I/S-O)14PN-20	026388	20	.030 • 0.76	.110 • 2.8	1.490 • 37.9	1280 • 1905
TP(I/S-O)14PN-24	026389	24	.030 • 0.76	.110 • 2.8	1.670 • 42.4	1515 • 2255

This information is provided for reference only, please consult the factory or your representative to confirm all engineering information,
This information is not meant to replace the information in the appropriate and applicable standard or code.