



BOSTRIG™ 125 TYPE P SIGNAL CABLE

overall shielded multiconductor / unarmored
20, 18 & 16 AWG / 600V

APPLICATIONS

Bostrig™125 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. 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 version.

FEATURES

- SUPERIOR RESISTANCE TO OIL, ABRASION, MOISTURE, SUNLIGHT, MUD, CRUSH AND IMPACT
- MEETS IEEE STANDARDS FOR 600V / IEC STANDARDS FOR 0.6/1kV

CONSTRUCTION

1. CONDUCTORS

Soft annealed stranded tinned copper per ASTM B 33. A tape separator is used over the conductor.

2. INSULATION

Bostrig-125 Type P chemically cross-linked polyolefin (XLPO), meeting IEEE 1580 (2001).

3. OVERALL SHIELD

An aluminum/polyester tape with drain wire, 100% coverage, is applied over the cabled core.

4. JACKET

Flame-retardant Arctic Neoprene, complying with Type N Neoprene as required in IEEE-1580 (2001). Thickness as shown in tables on reverse.

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 125 Type P cables comply to UL 1277 Type TC exposed runs requirements and with the Crush and Impact requirements of UL 2225.

APPROVALS

ETL/Intertek Testing Services Listed as Marine Shipboard Cable in accordance with IEEE 45 (1998), IEEE 1580 (2001), UL 1309/CSA245 and the performance requirements of IEC 60092-3.

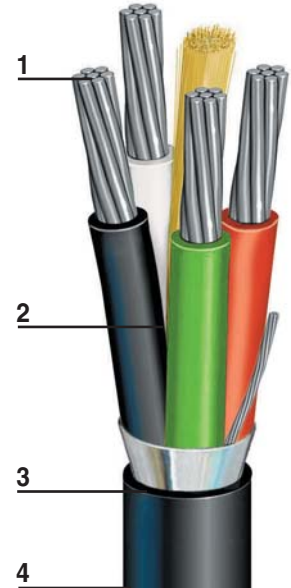
Det Norske Veritas Type Approval Certificates E-6849, E-6850, E-6851, E-6852 and E-6853.

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

Manufactured to BIW Specifying Standard J106



DRAKA USA/BIW BOSTRIG™ 125 TYPE P

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20, 18 & 16 AWG / 600V



Draka

Draka Cableteq | Marine, Oil & Gas

20 AWG • 0.61 mm²

Type Designation	Draka Number	Number of Conductors	Stranding	Insulation Thickness in • mm	Sheath Thickness in • mm	Cable Diameter (nominal) in • mm	Cable Weight (approximate) Lbs/mft • Kg/km
C(OS)20PN-3	026491	3	19/32	.030 • 0.76	.060 • 1.5	.345 • 8.8	65 • 97
C(OS)20PN-4	026492	4	19/32	.030 • 0.76	.060 • 1.5	.373 • 9.5	81 • 121
C(OS)20PN-5	026493	5	19/32	.030 • 0.76	.060 • 1.5	.403 • 10.2	92 • 137
C(OS)20PN-6	026494	6	19/32	.030 • 0.76	.060 • 1.5	.431 • 10.9	107 • 159

18 AWG • 0.96 mm²

Type Designation	Draka Number	Number of Conductors	Stranding	Insulation Thickness in • mm	Sheath Thickness in • mm	Cable Diameter (nominal) in • mm	Cable Weight (approximate) Lbs/mft • Kg/km
C(OS)18PN-3	026615	3	19/30	.030 • 0.76	.060 • 1.5	.358 • 9.1	78 • 116
C(OS)18PN-4	026496	4	19/30	.030 • 0.76	.060 • 1.5	.385 • 9.8	92 • 137
C(OS)18PN-5	026497	5	19/30	.030 • 0.76	.060 • 1.5	.435 • 11.0	113 • 168
C(OS)18PN-6	026498	6	19/30	.030 • 0.76	.060 • 1.5	.467 • 11.9	130 • 193
C(OS)18PN-25	026499	25	19/30	.030 • 0.76	.060 • 1.5	.795 • 20.2	395 • 588

16 AWG • 1.23 mm²

Type Designation	Draka Number	Number of Conductors	Stranding	Insulation Thickness in • mm	Sheath Thickness in • mm	Cable Diameter (nominal) in • mm	Cable Weight (approximate) Lbs/mft • Kg/km
C(OS)16PN-3	026625	3	19/29	.030 • 0.76	.060 • 1.5	.386 • 9.8	88 • 131
C(OS)16PN-4	026500	4	19/29	.030 • 0.76	.060 • 1.5	.400 • 10.2	104 • 155
C(OS)16PN-5	026501	5	19/29	.030 • 0.76	.060 • 1.5	.455 • 11.6	130 • 193
C(OS)16PN-6	026502	6	19/29	.030 • 0.76	.060 • 1.5	.488 • 12.4	150 • 223
C(OS)16PN-12	027052	12	19/29	.030 • 0.76	.060 • 1.5	.625 • 15.9	260 • 387

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.