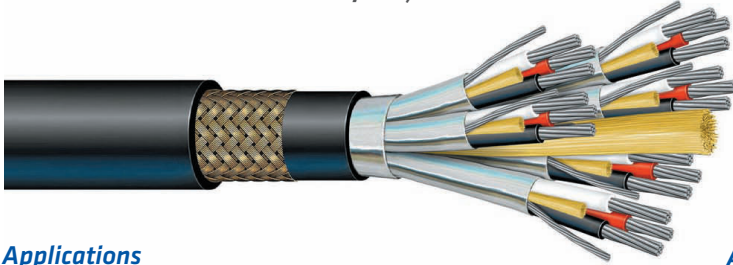




## BOSTRIG™ TYPE P SIGNAL CABLE

Individual and overall shielded multi-triad / **armored and sheathed**  
TYPE P SIGNAL CABLE **600V or 0.6/ 1kV, 18 & 16 AWG**



### Applications

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

Bostrig™ cables have excellent resistance to oil, abrasion, moisture, vibration, sunlight, and ester based mud (Type P- MR). They are suitable for use in Class 1, Division 1 offshore applications (armored & sheathed).

The standard insulation has a continuous operating temperature of 125°C, allowing for higher ampacity levels. These cables also meet cold bend requirements of -40°C and cold impact of -35°C (CSA 22.2 NO. 0.3).

This product may be manufactured in an unarmored or armored and sheathed version.

### Features/Ratings

- Superior resistance to oil, abrasion, moisture, sunlight, crush and impact
- High strand count conductors provide superior flexibility
- Higher allowable conductor operating temperature results in increased ampacity
- Cold bend/ cold impact of -40°/-35°C in accordance with CSA 22.2 No. 0.3
- Flame retardant in accordance with IEEE 1202 and IEC 60332-3-22 Category A
- Meets IEEE standards for 600V and performance requirements of IEC standards for 0.6/1 kV
- Armored and sheathed cables suitable for use in Class 1 Division 1 and Zone 1 hazardous locations offshore

### Approvals

IEEE 1580 and IEEE 45- Marine Shipboard Cable  
UL 1309- Marine Shipboard Cable Type X110  
CSA 22.2 No. 245- Marine Shipboard Cable Type X110  
Det Norske Veritas (DNV)  
American Bureau of Shipping (ABS)  
Transport Canada Approved AMS400-20-2  
Transport Canada 8700-20-2  
Lloyd's Register of Shipping (LRS)  
United States Coast Guard-46CFR

### Construction

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

**INSULATION:** Bostrig Type P chemically cross-linked polyolefin (XLPO), meeting IEEE 1580.

**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 and drain wire.

**JACKET:** Flame-Retardant Thermosetting CPE (Chlorinated Polyethylene) in accordance with the requirements of IEEE-1580-2010. Thickness as shown in tables on opposite page. Arctic Neoprene (Type N) also available as an option.

**ARMOR:** Braided bronze in accordance with IEEE 1580.

**SHEATH:** Flame-Retardant Thermosetting CPE (Chlorinated Polyethylene) applied over the armor in accordance with the requirements of IEEE-1580-2010. Thickness as shown in tables on opposite page. Arctic Neoprene (Type N) also available as an option.



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A brand of the

**Prysmian**  
Group

## 18 AWG • 0.96 mm<sup>2</sup>

Type Designation	Draka Number	Number of Triads	Insulation Thickness		Sheath Thickness		Cable Diameter (nominal)		Cable Weight (approximate)	
			in	mm	in	mm	in	mm	Lbs/Mft	Kg/Km
TT(0S)18PNBS-1	T26473	1	.030	0.76	0.060	1.5	0.550	14.0	210	315
TT(I/S-0S)18PNBS-2	T26474	2	.030	0.76	0.060	1.5	0.790	20.1	380	565
TT(I/S-0S)18PNBS-3	T26475	3	.030	0.76	0.060	1.5	0.850	21.6	430	640
TT(I/S-0S)18PNBS-4	T26476	4	.030	0.76	0.080	2.0	0.930	23.6	525	780
TT(I/S-0S)18PNBS-5	T26477	5	.030	0.76	0.080	2.0	1.000	25.4	590	880
TT(I/S-0S)18PNBS-6	T26478	6	.030	0.76	0.080	2.0	1.130	28.7	775	1,155
TT(I/S-0S)18PNBS-8	T26479	8	.030	0.76	0.080	2.0	1.180	30.0	870	1,295
TT(I/S-0S)18PNBS-12	T26480	12	.030	0.76	0.080	2.0	1.380	35.1	1,180	1,755
TT(I/S-0S)18PNBS-16	T26481	16	.030	0.76	0.080	2.0	1.510	38.4	1,450	2,160

## 16 AWG • 1.23 mm<sup>2</sup>

Type Designation	Draka Number	Number of Triads	Insulation Thickness		Sheath Thickness		Cable Diameter (nominal)		Cable Weight (approximate)	
			in	mm	in	mm	in	mm	Lbs/Mft	Kg/Km
TT(0S)16PNBS-1	T26716	1	.030	0.76	0.060	1.5	0.570	14.5	225	335
TT(I/S-0S)16PNBS-2	T26483	2	.030	0.76	0.060	1.5	0.810	20.6	410	610
TT(I/S-0S)16PNBS-3	T26484	3	.030	0.76	0.080	2.0	0.890	22.6	550	820
TT(I/S-0S)16PNBS-4	T26485	4	.030	0.76	0.080	2.0	0.940	23.9	610	910
TT(I/S-0S)16PNBS-5	T26486	5	.030	0.76	0.080	2.0	1.010	25.7	700	1,040
TT(I/S-0S)16PNBS-6	T26487	6	.030	0.76	0.080	2.0	1.100	27.9	800	1,190
TT(I/S-0S)16PNBS-8	T26488	8	.030	0.76	0.080	2.0	1.220	31.0	980	1,460
TT(I/S-0S)16PNBS-12	T26489	12	.030	0.76	0.080	2.0	1.440	36.6	1,355	2,015
TT(I/S-0S)16PNBS-16	T26490	16	.030	0.76	0.080	2.0	1.640	41.7	1,750	2,605

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

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## 18 AWG • 0.96 mm<sup>2</sup>

				GLAND SELECTION		
Type Designation	Draka Number	Cable Diameter (nominal)		Explosion Proof: Armored	Non-Explosion Proof: Armored (metric)	Non-Explosion Proof: Armored (NPT)
		in	mm			
TT(0S)18PNBS-1	T26473	0.550	14.0	424AN-01/ 02/ 10	474SW-52	474NP-04/ 07
TT(I/S-0S)18PNBS-2	T26474	0.790	20.1	424AN-03/ 12	474SW-55	474NP-10/ 14
TT(I/S-0S)18PNBS-3	T26475	0.850	21.6	424AN-03/ 12	474SW-55	474NP-10/ 14
TT(I/S-0S)18PNBS-4	T26476	0.930	23.6	424AN-04/ 15	474SW-55	474NP-10/ 14
TT(I/S-0S)18PNBS-5	T26477	1.000	25.4	424AN-04/ 15	474SW-55	474NP-10/ 14
TT(I/S-0S)18PNBS-6	T26478	1.130	28.7	424AN-04/ 15	474SW-56	474NP-15/ 20
TT(I/S-0S)18PNBS-8	T26479	1.180	30.0	424AN-04/ 05/ 15	474SW-56	474NP-15/ 20
TT(I/S-0S)18PNBS-12	T26480	1.380	35.1	424AN-05	474SW-57	474NP-21/ 27
TT(I/S-0S)18PNBS-16	T26481	1.510	38.4	424AN-05/ 06	474SW-57	474NP-21/ 27

## 16 AWG • 1.23 mm<sup>2</sup>

				GLAND SELECTION		
Type Designation	Draka Number	Cable Diameter (nominal)		Explosion Proof: Armored	Non-Explosion Proof: Armored (metric)	Non-Explosion Proof: Armored (NPT)
		in	mm			
TT(0S)16PNBS-1	T26716	0.570	14.5	424AN-01/ 02/ 10	474SW-52	474NP-04/ 07
TT(I/S-0S)16PNBS-2	T26483	0.810	20.6	424AN-03/ 12	474SW-55	474NP-10/ 14
TT(I/S-0S)16PNBS-3	T26484	0.890	22.6	424AN-03/ 12	474SW-55	474NP-10/ 14
TT(I/S-0S)16PNBS-4	T26485	0.940	23.9	424AN-04/ 15	474SW-55	474NP-10/ 14
TT(I/S-0S)16PNBS-5	T26486	1.010	25.7	424AN-04/ 15	474SW-55	474NP-10/ 14
TT(I/S-0S)16PNBS-6	T26487	1.100	27.9	424AN-04/ 15	474SW-56	474NP-15/ 20
TT(I/S-0S)16PNBS-8	T26488	1.220	31.0	424AN-05/ 06	474SW-56	474NP-15/ 20
TT(I/S-0S)16PNBS-12	T26489	1.440	36.6	424AN-05/ 06	474SW-57	474NP-21/ 27
TT(I/S-0S)16PNBS-16	T26490	1.640	41.7	424AN-06	474SW-58	474NP-28/ 31

GLAND REFERENCE CHART	
Explosion Proof: (Armored) Hub Size Reference	Non-Explosion Proof: (Armored) - NPT Thread Size Reference
01 = 1/2"	03 = 1/2" - 14 NPT
02 = 3/4"	04 = 1/2" - 14 NPT
03 = 1"	07 = 3/4" - 14 NPT
04 = 1-1/4"	05 = 1/2" - 14 NPT
05 = 1-1/2"	08 = 3/4" - 14 NPT
06 = 2"	10 = 3/4" - 14 NPT
07 = 2-1/2"	14 = 1" - 11-1/2 NPT
08 = 3"	15 = 1" - 11-1/2 NPT
09 = 3-1/2"	20 = 1-1/4" - 11-1/2 NPT
10 = 1/2"	21 = 1-1/4" - 11-1/2 NPT
12 = 3/4"	27 = 1-1/2" - 11-1/2 NPT
15 = 1"	28 = 1-1/2" - 11-1/2 NPT
	31 = 2" - 11-1/2 NPT
	32 = 2" - 1-1/2 NPT
	33 = 2" - 11-1/2 NPT
	38 = 2-1/2" - 8 NPT
	39 = 2-1/2" - 8 NPT
	45 = 3" - 8 NPT
	47 = 3" - 8 NPT