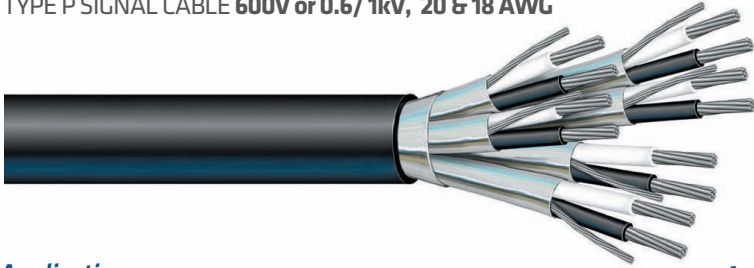




## BOSTRIG™ TYPE P SIGNAL CABLE 600V OR 0.6/1kV

Individual and overall shielded multipair / **unarmored**  
TYPE P SIGNAL CABLE **600V or 0.6/1kV, 20 & 18 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 and 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, mud, 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
- Unarmored cables suitable for Class 1, Division 2 and Zone 2 hazardous locations offshore
- Meets the requirements of UL 1277 and UL 1569 for Type TC-ER exposed runs

### 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  
CSA 22.2 No. 239- Type CIC  
CSA 22.2 No. 230 as Type TC (#18 AWG)  
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.



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A brand of the

**Prysmian**  
Group

## 20 AWG • 0.61 mm<sup>2</sup>

Type Designation	Draka Number	Number of Pairs	Insulation Thickness		Sheath Thickness		Cable Diameter (nominal)		Cable Weight (approximate)	
			in	mm	in	mm	in	mm	Lbs/Mft	Kg/Km
TP(0S)20PN-1	T26338	1	.030	0.76	0.060	1.5	0.340	8.6	60	90
TP(I/S-0S)20PN-2	T26339	2	.030	0.76	0.060	1.5	0.520	13.2	130	195
TP(I/S-0S)20PN-3	T26340	3	.030	0.76	0.060	1.5	0.550	14.0	150	225
TP(I/S-0S)20PN-4	T26341	4	.030	0.76	0.060	1.5	0.600	15.2	185	275
TP(I/S-0S)20PN-5	T26342	5	.030	0.76	0.060	1.5	0.650	16.5	215	320
TP(I/S-0S)20PN-6	T26343	6	.030	0.76	0.060	1.5	0.700	17.8	215	320
TP(I/S-0S)20PN-7	T26344	7	.030	0.76	0.060	1.5	0.700	17.8	230	340
TP(I/S-0S)20PN-8	T26345	8	.030	0.76	0.060	1.5	0.760	19.3	290	430
TP(I/S-0S)20PN-10	T26346	10	.030	0.76	0.080	2.0	0.900	22.9	360	535
TP(I/S-0S)20PN-12	T26347	12	.030	0.76	0.080	2.0	0.930	23.6	440	655
TP(I/S-0S)20PN-16	T26348	16	.030	0.76	0.080	2.0	1.030	26.2	510	760
TP(I/S-0S)20PN-20	T26349	20	.030	0.76	0.080	2.0	1.130	28.7	600	895
TP(I/S-0S)20PN-24	T26350	24	.030	0.76	0.080	2.0	1.360	34.5	830	1,235

## 18 AWG • 0.96 mm<sup>2</sup>

Type Designation	Draka Number	Number of Pairs	Insulation Thickness		Sheath Thickness		Cable Diameter (nominal)		Cable Weight (approximate)	
			in	mm	in	mm	in	mm	Lbs/Mft	Kg/Km
TP(0S)18PN-1	-----	1	.030	0.76	0.060	1.5	0.350	8.9	65	95
TP(I/S-0S)18PN-2	T26352	2	.030	0.76	0.060	1.5	0.530	13.5	135	200
TP(I/S-0S)18PN-3	T26353	3	.030	0.76	0.060	1.5	0.590	15.0	190	285
TP(I/S-0S)18PN-4	T26354	4	.030	0.76	0.060	1.5	0.640	16.3	215	320
TP(I/S-0S)18PN-5	T26355	5	.030	0.76	0.060	1.5	0.700	17.8	255	380
TP(I/S-0S)18PN-6	T26356	6	.030	0.76	0.060	1.5	0.750	19.1	295	440
TP(I/S-0S)18PN-7	T26357	7	.030	0.76	0.060	1.5	0.760	19.3	340	505
TP(I/S-0S)18PN-8	T26358	8	.030	0.76	0.060	1.5	0.820	20.8	360	535
TP(I/S-0S)18PN-10	T26359	10	.030	0.76	0.080	2.0	0.970	24.6	480	715
TP(I/S-0S)18PN-12	T26360	12	.030	0.76	0.080	2.0	0.970	24.6	530	790
TP(I/S-0S)18PN-16	T26361	16	.030	0.76	0.080	2.0	1.110	28.2	685	1,020
TP(I/S-0S)18PN-20	T26362	20	.030	0.76	0.080	2.0	1.220	31.0	835	1,245
TP(I/S-0S)18PN-24	T26363	24	.030	0.76	0.080	2.0	1.380	35.1	980	1,460

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.

**Prysmian**  
Group

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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, 20 & 18 AWG**

A brand of the



## 20 AWG • 0.61 mm<sup>2</sup>

Type Designation	Draka Number	Cable Diameter (nominal)		GLAND SELECTION			GLAND REFERENCE CHART	
				Explosion Proof: Unarmored	Non-Explosion Proof: Unarmored	Non-Explosion Proof: Unarmored	Explosion Proof: (Unarmored) Hub Size Reference	Non-Explosion Proof: (Unarmored) - NPT Thread Size Reference
in	mm							
TP(0S)20PN-1	T26338	0.340	8.6	424UB-01	494AB-52/ 53	494NE-04/ 05/ 08	01 = 1/2"	03 = 1/2" - 14 NPT
TP(I/S-0S)20PN-2	T26339	0.520	13.2	424UB-02/ 03	494AB-53/ 55	494NE-05/ 08/ 10/ 14	02 = 1/2"	04 = 1/2" - 14 NPT
TP(I/S-0S)20PN-3	T26340	0.550	14.0	424UB-02/ 03	494AB-53/ 55	494NE-05/ 08/ 10/ 14	03 = 3/4"	05 = 1/2" - 14 NPT
TP(I/S-0S)20PN-4	T26341	0.600	15.2	424UB-02/ 03	494AB-53/ 55	494NE-05/ 08/ 10/ 14	04 = 1"	08 = 3/4" - 14 NPT
TP(I/S-0S)20PN-5	T26342	0.650	16.5	424UB-03	494AB-55	494NE-10/ 14	05 = 1-1/4"	10 = 3/4" - 14 NPT
TP(I/S-0S)20PN-6	T26343	0.700	17.8	424UB-03/ 04	494AB-55	494NE-10/ 14	15 = 1-1/2"	14 = 1" - 11-1/2 NPT
TP(I/S-0S)20PN-7	T26344	0.700	17.8	424UB-03/ 04	494AB-55	494NE-10/ 14	06 = 2"	15 = 1" - 11-1/2 NPT
TP(I/S-0S)20PN-8	T26345	0.760	19.3	424UB-03/ 04	494AB-55/ 56	494NE-10/ 14/ 15/ 20	07 = 2-1/2"	20 = 1-1/4" - 11-1/2 NPT
TP(I/S-0S)20PN-10	T26346	0.900	22.9	424UB-04	494AB-56	494NE-15/ 20	08 = 3"	21 = 1-1/4" - 11-1/2 NPT
TP(I/S-0S)20PN-12	T26347	0.930	23.6	424UB-04	494AB-56	494NE-15/ 20	09 = 3-1/2"	27 = 1-1/2" - 11-1/2 NPT
TP(I/S-0S)20PN-16	T26348	1.030	26.2	424UB-04/ 05/ 15	494AB-56/ 57	494NE-15/ 20/ 21/ 27	-----	32 = 2" - 11-1/2 NPT
TP(I/S-0S)20PN-20	T26349	1.130	28.7	424UB-05/ 15	494AB-57	494NE-21/ 27	-----	38 = 2-1/2" - 8 NPT
TP(I/S-0S)20PN-24	T26350	1.360	34.5	424UB-06	494AB-59	494NE-32	-----	44 = 3" - 8 NPT
-----	-----	----	---	-----	-----	-----	-----	45 = 3" - 8 NPT

## 18 AWG • 0.96 mm<sup>2</sup>

Type Designation	Draka Number	Cable Diameter (nominal)		GLAND SELECTION			GLAND REFERENCE CHART	
				Explosion Proof: Unarmored	Non-Explosion Proof: Unarmored	Non-Explosion Proof: Unarmored	Explosion Proof: (Unarmored) Hub Size Reference	Non-Explosion Proof: (Unarmored) - NPT Thread Size Reference
in	mm							
TP(0S)18PN-1	-----	0.350	8.9	424UB-01/ 02	494AB-52/ 53	494NE-04/ 05/ 08	01 = 1/2"	03 = 1/2" - 14 NPT
TP(I/S-0S)18PN-2	T26352	0.530	13.5	424UB-02/ 03	494AB-53/ 55	494NE-05/ 08/ 10/ 14	02 = 1/2"	04 = 1/2" - 14 NPT
TP(I/S-0S)18PN-3	T26353	0.590	15.0	424UB-02/ 03	494AB-53/ 55	494NE-05/ 08/ 10/ 14	03 = 3/4"	05 = 1/2" - 14 NPT
TP(I/S-0S)18PN-4	T26354	0.640	16.3	424UB-03	494AB-55	494NE-10/ 14	04 = 1"	08 = 3/4" - 14 NPT
TP(I/S-0S)18PN-5	T26355	0.700	17.8	424UB-03/ 04	494AB-55	494NE-10/ 14	05 = 1-1/4"	10 = 3/4" - 14 NPT
TP(I/S-0S)18PN-6	T26356	0.750	19.1	424UB-03/ 04	494AB-55/ 56	494NE-10/ 14/ 15/ 20	15 = 1-1/2"	14 = 1" - 11-1/2 NPT
TP(I/S-0S)18PN-7	T26357	0.760	19.3	424UB-03/ 04	494AB-55/ 56	494NE-10/ 14/ 15/ 20	06 = 2"	15 = 1" - 11-1/2 NPT
TP(I/S-0S)18PN-8	T26358	0.820	20.8	424UB-04	494AB-55/ 56	494NE-10/ 14/ 15/ 20	07 = 2-1/2"	20 = 1-1/4" - 11-1/2 NPT
TP(I/S-0S)18PN-10	T26359	0.970	24.6	424UB-04/ 05/ 15	494AB-56/ 57	494NE-15/ 20/ 21/ 27	08 = 3"	21 = 1-1/4" - 11-1/2 NPT
TP(I/S-0S)18PN-12	T26360	0.970	24.6	424UB-04/ 05/ 15	494AB-56/ 57	494NE-15/ 20/ 21/ 27	09 = 3-1/2"	27 = 1-1/2" - 11-1/2 NPT
TP(I/S-0S)18PN-16	T26361	1.110	28.2	424UB-05/ 15	494AB-57	494NE-21/ 27	-----	32 = 2" - 11-1/2 NPT
TP(I/S-0S)18PN-20	T26362	1.220	31.0	424UB-05/ 15/ 06	494AB-57	494NE-21/ 27	-----	38 = 2-1/2" - 8 NPT
TP(I/S-0S)18PN-24	T26363	1.380	35.1	424UB-06	494AB-59	494NE-32	-----	44 = 3" - 8 NPT
-----	-----	-----	---	-----	-----	-----	-----	45 = 3" - 8 NPT