

## BOSTRIG™ TYPE P POWER RIG CABLES

### BOSTRIG™ RIG CABLES

- Environments: Offshore and onshore drilling rigs, marine vessels, offshore production facilities.
- Applications include: power for both onshore and offshore use.
- Superior resistance to oil, abrasion, moisture, sunlight, mud, crush and impact.
- Higher allowable conductor operating temperature results in increased ampacity.
- Sunlight and moisture resistant.
- Superior extreme sub zero temperature rating and high temperature ratings of 125° C.



### SPECIFICATIONS & APPLICATIONS

- 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.
- Unarmored cables suitable for Class 1, Division 2 and Zone 2 hazardous locations offshore.
- IEEE 1580 and IEEE 45- Marine Shipboard Cable.
- CSA 22.2 No. 245- Marine Shipboard Cable Type X110.
- CSA 22.2 No. 230 as Type TC (#4/0 AWG and larger).

### CONSTRUCTION

- CONDUCTOR: 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 IEEE1580.
- This product may be manufactured in an unarmored or armored and sheathed version.

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**Single Conductor, Unarmoured**

**BOSTRIG™ TYPE P POWER RIG CABLE 600V OR 600/1000V**

| Part Number | Draka Number | Conductor Size |                 | Sheath Thickness |      | Cable Diameter (nominal) |      | Cable Weight (approximate) |       |
|-------------|--------------|----------------|-----------------|------------------|------|--------------------------|------|----------------------------|-------|
|             |              | AWG/ MCM       | mm <sup>2</sup> | in               | mm   | in                       | mm   | Lbs/Mft                    | Kg/Km |
| 16-SP-18    | 026000       | 18             | 0.96            | 0.030            | 0.76 | 0.110                    | 2.8  | 10                         | 15    |
| 16-SP-16    | 026001       | 16             | 1.23            | 0.030            | 0.76 | 0.120                    | 3.0  | 15                         | 20    |
| 16-SP-14    | 026002       | 14             | 1.94            | 0.030            | 0.76 | 0.140                    | 3.6  | 20                         | 30    |
| 16-SP-12    | 026003       | 12             | 3.08            | 0.030            | 0.76 | 0.150                    | 3.8  | 25                         | 35    |
| 16-SP-10    | 026004       | 10             | 5.58            | 0.030            | 0.76 | 0.180                    | 4.6  | 45                         | 65    |
| 16-SP-8     | 026005       | 8              | 7.57            | 0.045            | 1.14 | 0.240                    | 6.1  | 70                         | 105   |
| 16-SP-6     | 026006       | 6              | 12.5            | 0.045            | 1.14 | 0.290                    | 7.4  | 100                        | 150   |
| 16-SP-5     | 026007       | 5              | 18.6            | 0.045            | 1.14 | 0.340                    | 8.6  | 145                        | 215   |
| 16-SP-4     | 026008       | 4              | 21.5            | 0.045            | 1.14 | 0.360                    | 9.1  | 170                        | 255   |
| 16-SP-3     | 026009       | 3              | 27.2            | 0.045            | 1.14 | 0.400                    | 10.2 | 255                        | 380   |
| 16-SP-2     | 026010       | 2              | 33.7            | 0.045            | 1.14 | 0.420                    | 10.7 | 260                        | 385   |
| 16-SP-1     | 026011       | 1              | 46.1            | 0.055            | 1.40 | 0.500                    | 12.7 | 350                        | 520   |
| 16-SP-1/0   | 026012       | 1/0            | 56.3            | 0.055            | 1.40 | 0.520                    | 13.2 | 420                        | 625   |
| 16-SP-2/0   | 026013       | 2/0            | 67.6            | 0.055            | 1.40 | 0.570                    | 14.5 | 475                        | 705   |
| 16-SP-3/0   | 026014       | 3/0            | 92.1            | 0.055            | 1.40 | 0.670                    | 17.0 | 680                        | 1,010 |

**BOSTRIG™ TYPE P POWER CABLE 2000V**

| Part Number       | Draka Number | Conductor Size |                 | Sheath Thickness |     | Cable Diameter (nominal) |      | Cable Weight (approximate) |       |
|-------------------|--------------|----------------|-----------------|------------------|-----|--------------------------|------|----------------------------|-------|
|                   |              | AWG/ MCM       | mm <sup>2</sup> | in               | mm  | in                       | mm   | Lbs/Mft                    | Kg/Km |
| 16-SP2KV-8        | 030477       | 8              | 7.57            | 0.055            | 1.4 | 0.260                    | 6.6  | 75                         | 110   |
| 16-SP2KV-6        | 030478       | 6              | 12.5            | 0.055            | 1.4 | 0.320                    | 8.1  | 115                        | 170   |
| 16-SP2KV-5        | 030479       | 5              | 18.6            | 0.055            | 1.4 | 0.350                    | 8.9  | 147                        | 220   |
| 16-SP2KV-4        | 030480       | 4              | 21.5            | 0.055            | 1.4 | 0.370                    | 9.4  | 170                        | 255   |
| 16-SP2KV-3        | 030481       | 3              | 25.6            | 0.055            | 1.4 | 0.420                    | 10.7 | 205                        | 305   |
| 16-SP2KV-2        | 030482       | 2              | 30.7            | 0.055            | 1.4 | 0.430                    | 10.9 | 250                        | 370   |
| 16-SP2KV-1        | 030483       | 1              | 46.0            | 0.065            | 1.7 | 0.520                    | 13.2 | 340                        | 505   |
| 16-SP2KV-1/0      | 029732       | 1/0            | 56.3            | 0.065            | 1.7 | 0.540                    | 13.7 | 430                        | 640   |
| 16-SP2KV-2/0      | 027055       | 2/0            | 66.5            | 0.065            | 1.7 | 0.590                    | 15.0 | 520                        | 775   |
| 16-SP2KV-3/0      | 030484       | 3/0            | 92.1            | 0.065            | 1.7 | 0.670                    | 17.0 | 680                        | 1,010 |
| 16-SP2KV(HD)-4/0  | 026015       | 4/0            | 112.6           | 0.105            | 2.7 | 0.820                    | 20.8 | 875                        | 1,300 |
| 16-SP2KV(HD)-262  | 026016       | 262            | 133.1           | 0.105            | 2.7 | 0.880                    | 22.4 | 1,020                      | 1,520 |
| 16-SP2KV(HD)-313  | 026017       | 313            | 158.7           | 0.105            | 2.7 | 0.940                    | 23.9 | 1,215                      | 1,810 |
| 16-SP2KV(HD)-373  | 026018       | 373            | 189.2           | 0.105            | 2.7 | 0.990                    | 25.1 | 1,410                      | 2,100 |
| 16-SP2KV(HD)-444  | 026019       | 444            | 225.2           | 0.105            | 2.7 | 1.110                    | 28.2 | 1,705                      | 2,535 |
| 16-SP2KV(HD)-535  | 026020       | 535            | 271.3           | 0.120            | 3.0 | 1.140                    | 29.0 | 1,975                      | 2,940 |
| 16-SP2KV(HD)-646  | 026021       | 646            | 327.5           | 0.120            | 3.0 | 1.260                    | 32.0 | 2,410                      | 3,585 |
| 16-SP2KV(HD)-777  | 026022       | 777            | 394.2           | 0.120            | 3.0 | 1.420                    | 36.1 | 2,890                      | 4,300 |
| 16-SP2KV(HD)-1111 | 026023       | 1111           | 563.0           | 0.120            | 3.0 | 1.610                    | 40.9 | 3,945                      | 5,870 |

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† Ampacity based on 45°C ambient temperature: 95°C values based on ABS MODU Rules Table 6 - 100°C values based on IEEE-45 - 110°C values based on API 14F.

\*125°C ampacities based on 45°C ambient in free air. Consult factory for conditions of use.

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- Sunlight and moisture resistant.
- Superior extreme sub zero temperature rating and high temperature ratings of 125° C.



MULTI-CONDUCTOR

### SPECIFICATIONS & APPLICATIONS

- 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.
- Unarmored cables suitable for Class 1, Division 2 and Zone 2 hazardous locations offshore.
- IEEE 1580 and IEEE 45- Marine Shipboard Cable.
- CSA 22.2 No. 245 - Marine Shipboard Cable Type X110.
- CSA 22.2 No. 230- Type TC-ER
- CSA 22.2 No. 230 & No. 38 Direct Burial (#14 AWG & larger)

### CONSTRUCTION

- CONDUCTOR: 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 IEEE1580.
- JACKET: Flame-Retardant Thermosetting CPE (Chlorinated Polyethylene) applied over shield or 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.
- This product may be manufactured in an unarmored or armored and sheathed version.

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#### 4 Conductor, Unarmoured

| BOSTRIG™ TYPE P POWER RIG CABLE 600V OR 600/1000V |              |                |                 |                  |     |                          |      |                            |        |
|---------------------------------------------------|--------------|----------------|-----------------|------------------|-----|--------------------------|------|----------------------------|--------|
| Part Number                                       | Draka Number | Conductor Size |                 | Sheath Thickness |     | Cable Diameter (nominal) |      | Cable Weight (approximate) |        |
|                                                   |              | AWG/ MCM       | mm <sup>2</sup> | in               | mm  | in                       | mm   | Lbs/Mft                    | Kg/Km  |
| 16-FPN-8                                          | T26079       | 8              | 7.57            | 0.060            | 1.5 | 0.690                    | 17.5 | 375                        | 560    |
| 16-FPN-6                                          | T26080       | 6              | 12.5            | 0.080            | 2.0 | 0.890                    | 22.6 | 590                        | 750    |
| 16-FPN-5                                          | T26081       | 5              | 18.6            | 0.080            | 2.0 | 0.960                    | 24.4 | 750                        | 1,120  |
| 16-FPN-4                                          | T26082       | 4              | 21.5            | 0.080            | 2.0 | 1.020                    | 25.9 | 870                        | 1,300  |
| 16-FPN-3                                          | T26083       | 3              | 25.6            | 0.080            | 2.0 | 1.110                    | 28.2 | 1,070                      | 1,600  |
| 16-FPN-2                                          | T26084       | 2              | 30.7            | 0.080            | 2.0 | 1.190                    | 30.2 | 1,260                      | 1,880  |
| 16-FPN-1                                          | T26085       | 1              | 46.1            | 0.080            | 2.0 | 1.360                    | 34.5 | 1,640                      | 2,440  |
| 16-FPN-1/0                                        | T26086       | 1/0            | 56.3            | 0.080            | 2.0 | 1.440                    | 36.6 | 1,955                      | 2,910  |
| 16-FPN-2/0                                        | T26087       | 2/0            | 66.5            | 0.080            | 2.0 | 1.540                    | 39.1 | 2,345                      | 3,490  |
| 16-FPN-3/0                                        | T26088       | 3/0            | 92.1            | 0.110            | 2.8 | 1.840                    | 46.7 | 3,265                      | 4,870  |
| 16-FPN-4/0                                        | T26089       | 4/0            | 112.6           | 0.110            | 2.8 | 1.910                    | 48.5 | 3,905                      | 5,820  |
| 16-FPN-262                                        | T26090       | 262            | 133.0           | 0.110            | 2.8 | 2.070                    | 52.6 | 4,605                      | 6,860  |
| 16-FPN-313                                        | T26091       | 313            | 158.6           | 0.110            | 2.8 | 2.300                    | 58.4 | 5,465                      | 8,140  |
| 16-FPN-373                                        | T26092       | 373            | 189.3           | 0.110            | 2.8 | 2.420                    | 61.5 | 6,235                      | 9,290  |
| 16-FPN-444                                        | T26093       | 444            | 225.1           | 0.110            | 2.8 | 2.580                    | 65.5 | 7,400                      | 11,030 |
| 16-FPN-535                                        | T26094       | 535            | 271.2           | 0.140            | 3.6 | 2.940                    | 74.7 | 8,960                      | 13,350 |
| 16-FPN-646                                        | T26095       | 646            | 327.5           | 0.140            | 3.6 | 3.120                    | 79.2 | 10,720                     | 15,970 |
| 16-FPN-777                                        | T26096       | 777            | 393.8           | 0.140            | 3.6 | 3.410                    | 86.6 | 12,585                     | 18,752 |

#### 5 Conductor, Unarmoured

| BOSTRIG™ TYPE P POWER RIG CABLE 600V OR 600/1000V |              |                |                 |                  |     |                          |      |                            |       |
|---------------------------------------------------|--------------|----------------|-----------------|------------------|-----|--------------------------|------|----------------------------|-------|
| Part Number                                       | Draka Number | Conductor Size |                 | Sheath Thickness |     | Cable Diameter (nominal) |      | Cable Weight (approximate) |       |
|                                                   |              | AWG/ MCM       | mm <sup>2</sup> | in               | mm  | in                       | mm   | Lbs/Mft                    | Kg/Km |
| 16-QPN-8                                          | T26097       | 8              | 7.57            | 0.060            | 1.5 | 0.760                    | 19.3 | 460                        | 685   |
| 16-QPN-6                                          | T26098       | 6              | 12.5            | 0.080            | 2.0 | 0.980                    | 24.9 | 725                        | 1,080 |
| 16-QPN-5                                          | T26099       | 5              | 18.6            | 0.080            | 2.0 | 1.080                    | 27.4 | 950                        | 1,415 |
| 16-QPN-4                                          | T26100       | 4              | 21.5            | 0.080            | 2.0 | 1.120                    | 28.4 | 1,075                      | 1,600 |
| 16-QPN-3                                          | T26101       | 3              | 25.6            | 0.080            | 2.0 | 1.200                    | 30.5 | 1,260                      | 1,875 |
| 16-QPN-2                                          | T26102       | 2              | 30.7            | 0.080            | 2.0 | 1.270                    | 32.3 | 1,530                      | 2,275 |
| 16-QPN-1                                          | T26103       | 1              | 46.1            | 0.080            | 2.0 | 1.510                    | 38.4 | 2,040                      | 3,035 |
| 16-QPN-1/0                                        | T26104       | 1/0            | 56.3            | 0.080            | 2.0 | 1.650                    | 41.9 | 2,455                      | 3,655 |
| 16-QPN-2/0                                        | T26105       | 2/0            | 66.5            | 0.110            | 2.8 | 1.790                    | 45.5 | 2,695                      | 4,010 |
| 16-QPN-3/0                                        | T26106       | 3/0            | 92.1            | 0.110            | 2.8 | 2.060                    | 52.3 | 3,995                      | 5,945 |
| 16-QPN-4/0                                        | T26107       | 4/0            | 112.6           | 0.110            | 2.8 | 2.200                    | 55.9 | 4,785                      | 7,120 |

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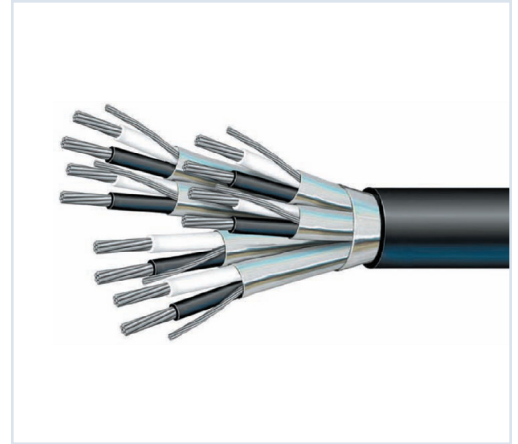
†Ampacity based on 45°C ambient temperature: 95°C values based on ABS MODU Rules Table 6 - 100°C values based on IEEE-45 - 110°C values based on API 14F.

\*125°C ampacities based on 45°C ambient in free air. Consult factory for conditions of use.

## BOSTRIG™ TYPE P SIGNAL RIG CABLE

### BOSTRIG™ RIG CABLES

- Environments: Offshore and onshore drilling rigs, marine vessels, offshore production facilities.
- Applications include: signals for both onshore and offshore use.
- Superior resistance to oil, abrasion, moisture, sunlight, mud, crush and impact.
- Higher allowable conductor operating temperature results in increased ampacity.
- Sunlight and moisture resistant.
- Superior extreme sub zero temperature rating and high temperature ratings of 125° C.



### SPECIFICATIONS & APPLICATIONS

- 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.
- Unarmored cables suitable for Class 1, Division 2 and Zone 2 hazardous locations offshore.
- IEEE 1580 and IEEE 45- Marine Shipboard Cable.
- CSA 22.2 No. 245- Marine Shipboard Cable Type X110.
- CSA 22.2 No. 239- Type CIC.
- Meets IEEE standards for 600V and performance requirements of IEC standards for 600V/1kV
- Unarmored cables suitable for use in Class I Division 2 and Zone 2 hazardous locations.
- This product may be manufactured in an unarmored or armored and sheathed version.

### CONSTRUCTION

- CONDUCTOR: Soft annealed stranded tinned copper per ASTM B 33. A polyester tape separator is used over the conductor.
- 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.
- INSULATION: Bostrig Type P chemically cross-linked polyolefin (XLPO), meeting IEEE1580.
- JACKET: Flame-Retardant Thermosetting CPE (Chlorinated Polyethylene) applied over the shield or 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.
- This product may be manufactured in an unarmored or armored and sheathed version.

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**Individual and overall shielded multi-pair conductors, Unarmoured**

| 16 AWG - BOSTRIG™ TYPE P SIGNAL RIG CABLE 600V OR 600/1000V |              |                 |                      |      |                  |     |                |      |              |       |
|-------------------------------------------------------------|--------------|-----------------|----------------------|------|------------------|-----|----------------|------|--------------|-------|
| Part Number                                                 | Draka Number | Number of Pairs | Insulation Thickness |      | Sheath Thickness |     | Cable Diameter |      | Cable Weight |       |
|                                                             |              |                 | in                   | mm   | in               | mm  | in             | mm   | Lbs/Mft      | Kg/Km |
| 16-TP(0S)16PN-1                                             | T26364       | 1               | 0.030                | 0.76 | 0.060            | 1.5 | 0.360          | 9.1  | 75           | 110   |
| 16-TP(I/S-0S)16PN-2                                         | T26365       | 2               | 0.030                | 0.76 | 0.060            | 1.5 | 0.580          | 14.7 | 160          | 240   |
| 16-TP(I/S-0S)16PN-3                                         | T26366       | 3               | 0.030                | 0.76 | 0.060            | 1.5 | 0.620          | 15.7 | 210          | 315   |
| 16-TP(I/S-0S)16PN-4                                         | T26367       | 4               | 0.030                | 0.76 | 0.060            | 1.5 | 0.670          | 17.0 | 250          | 370   |
| 16-TP(I/S-0S)16PN-5                                         | T26368       | 5               | 0.030                | 0.76 | 0.060            | 1.5 | 0.750          | 19.1 | 295          | 440   |
| 16-TP(I/S-0S)16PN-6                                         | T26369       | 6               | 0.030                | 0.76 | 0.060            | 1.5 | 0.790          | 20.1 | 375          | 560   |
| 16-TP(I/S-0S)16PN-7                                         | T26370       | 7               | 0.030                | 0.76 | 0.060            | 1.5 | 0.790          | 20.1 | 365          | 545   |
| 16-TP(I/S-0S)16PN-8                                         | T26371       | 8               | 0.030                | 0.76 | 0.080            | 2.0 | 0.900          | 22.9 | 485          | 720   |
| 16-TP(I/S-0S)16PN-10                                        | T26372       | 10              | 0.030                | 0.76 | 0.080            | 2.0 | 1.020          | 25.9 | 545          | 810   |
| 16-TP(I/S-0S)16PN-12                                        | T26373       | 12              | 0.030                | 0.76 | 0.080            | 2.0 | 1.030          | 26.2 | 625          | 930   |
| 16-TP(I/S-0S)16PN-16                                        | T26374       | 16              | 0.030                | 0.76 | 0.080            | 2.0 | 1.180          | 30.0 | 795          | 1,185 |
| 16-TP(I/S-0S)16PN-20                                        | T26375       | 20              | 0.030                | 0.76 | 0.080            | 2.0 | 1.310          | 33.3 | 1,085        | 1,615 |
| 16-TP(I/S-0S)16PN-24                                        | T26376       | 24              | 0.030                | 0.76 | 0.080            | 2.0 | 1.420          | 36.1 | 1,130        | 1,680 |

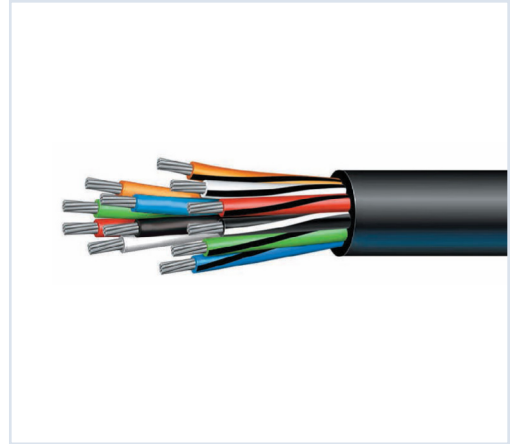
| 14 AWG - BOSTRIG™ TYPE P SIGNAL RIG CABLE 600V OR 600/1000V |              |                 |                      |      |                  |     |                |      |              |       |
|-------------------------------------------------------------|--------------|-----------------|----------------------|------|------------------|-----|----------------|------|--------------|-------|
| Part Number                                                 | Draka Number | Number of Pairs | Insulation Thickness |      | Sheath Thickness |     | Cable Diameter |      | Cable Weight |       |
|                                                             |              |                 | in                   | mm   | in               | mm  | in             | mm   | Lbs/Mft      | Kg/Km |
| 16-TP(0S)14PN-1                                             | T26377       | 1               | 0.030                | 0.76 | 0.060            | 1.5 | 0.390          | 9.9  | 90           | 135   |
| 16-TP(I/S-0S)14PN-2                                         | T26378       | 2               | 0.030                | 0.76 | 0.060            | 1.5 | 0.640          | 16.3 | 195          | 290   |
| 16-TP(I/S-0S)14PN-3                                         | T26379       | 3               | 0.030                | 0.76 | 0.060            | 1.5 | 0.670          | 17.0 | 275          | 410   |
| 16-TP(I/S-0S)14PN-4                                         | T26380       | 4               | 0.030                | 0.76 | 0.060            | 1.5 | 0.730          | 18.5 | 320          | 475   |
| 16-TP(I/S-0S)14PN-5                                         | T26381       | 5               | 0.030                | 0.76 | 0.060            | 1.5 | 0.810          | 20.6 | 345          | 515   |
| 16-TP(I/S-0S)14PN-6                                         | T26382       | 6               | 0.030                | 0.76 | 0.080            | 2.0 | 0.920          | 23.4 | 450          | 670   |
| 16-TP(I/S-0S)14PN-7                                         | T26383       | 7               | 0.030                | 0.76 | 0.080            | 2.0 | 0.930          | 23.6 | 510          | 760   |
| 16-TP(I/S-0S)14PN-8                                         | T26384       | 8               | 0.030                | 0.76 | 0.080            | 2.0 | 0.970          | 24.6 | 620          | 925   |
| 16-TP(I/S-0S)14PN-10                                        | T26385       | 10              | 0.030                | 0.76 | 0.080            | 2.0 | 1.130          | 28.7 | 710          | 1,055 |
| 16-TP(I/S-0S)14PN-12                                        | T26386       | 12              | 0.030                | 0.76 | 0.080            | 2.0 | 1.170          | 29.7 | 805          | 1,200 |
| 16-TP(I/S-0S)14PN-16                                        | T26387       | 16              | 0.030                | 0.76 | 0.080            | 2.0 | 1.300          | 33.0 | 975          | 1,450 |
| 16-TP(I/S-0S)14PN-20                                        | T26388       | 20              | 0.030                | 0.76 | 0.080            | 2.0 | 1.490          | 37.8 | 1,280        | 1,905 |
| 16-TP(I/S-0S)14PN-24                                        | T26389       | 24              | 0.030                | 0.76 | 0.080            | 2.0 | 1.650          | 41.9 | 1,515        | 2,255 |

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## BOSTRIG™ TYPE P CONTROL RIG CABLE

### BOSTRIG™ RIG CABLES

- Environments: Offshore and onshore drilling rigs, marine vessels, offshore production facilities.
- Applications include: control for both onshore and offshore use.
- Superior resistance to oil, abrasion, moisture, sunlight, mud, crush and impact.
- Higher allowable conductor operating temperature results in increased ampacity.
- Sunlight and moisture resistant.
- Superior extreme sub zero temperature rating and high temperature ratings of 125° C.



### SPECIFICATIONS & APPLICATIONS

- 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.
- Unarmored cables suitable for Class 1, Division 2 and Zone 2 hazardous locations offshore.
- IEEE 1580 and IEEE 45- Marine Shipboard Cable.
- CSA 22.2 No. 245- Marine Shipboard Cable Type X110.
- CSA 22.2 No. 239- Type CIC.
- CSA 22.2 No. 230- Type TC-ER.
- Meets IEEE standards for 600V and performance requirements of IEC standards for 600V/1kV
- Unarmored cables suitable for use in Class I Division 2 and Zone 2 hazardous locations.
- This product may be manufactured in an unarmored or armored and sheathed version.

### CONSTRUCTION

- CONDUCTOR: 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 IEEE1580.
- JACKET: Flame-Retardant Thermosetting CPE (Chlorinated Polyethylene) applied over the conductors or 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.
- This product may be manufactured in an unarmored or armored and sheathed version.

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**Multi-Conductor, Unarmoured**

**16 AWG - BOSTRIG™ TYPE P CONTROL RIG CABLE 600V OR 600/1000V**

| Part Number | Draka Number | Number of Conductors | Insulation Thickness |      | Sheath Thickness |     | Cable Diameter |      | Cable Weight |       |
|-------------|--------------|----------------------|----------------------|------|------------------|-----|----------------|------|--------------|-------|
|             |              |                      | in                   | mm   | in               | mm  | in             | mm   | Lbs/Mft      | Kg/Km |
| 16-C16PN-2  | T26190       | 2                    | 0.030                | 0.76 | 0.060            | 1.5 | 0.360          | 9.1  | 70           | 105   |
| 16-C16PN-3  | T26191       | 3                    | 0.030                | 0.76 | 0.060            | 1.5 | 0.380          | 9.7  | 85           | 125   |
| 16-C16PN-4  | T26192       | 4                    | 0.030                | 0.76 | 0.060            | 1.5 | 0.410          | 10.4 | 105          | 155   |
| 16-C16PN-5  | T26193       | 5                    | 0.030                | 0.76 | 0.060            | 1.5 | 0.440          | 11.2 | 125          | 185   |
| 16-C16PN-6  | T26194       | 6                    | 0.030                | 0.76 | 0.060            | 1.5 | 0.480          | 12.2 | 145          | 215   |
| 16-C16PN-7  | T26195       | 7                    | 0.030                | 0.76 | 0.060            | 1.5 | 0.480          | 12.2 | 150          | 225   |
| 16-C16PN-8  | T26196       | 8                    | 0.030                | 0.76 | 0.060            | 1.5 | 0.520          | 13.2 | 185          | 275   |
| 16-C16PN-10 | T26197       | 10                   | 0.030                | 0.76 | 0.060            | 1.5 | 0.600          | 15.2 | 220          | 325   |
| 16-C16PN-12 | T26198       | 12                   | 0.030                | 0.76 | 0.060            | 1.5 | 0.620          | 15.7 | 235          | 350   |
| 16-C16PN-16 | T26199       | 16                   | 0.030                | 0.76 | 0.060            | 1.5 | 0.680          | 17.3 | 315          | 470   |
| 16-C16PN-20 | T26200       | 20                   | 0.030                | 0.76 | 0.060            | 1.5 | 0.750          | 19.1 | 385          | 575   |
| 16-C16PN-24 | T26201       | 24                   | 0.030                | 0.76 | 0.060            | 1.5 | 0.810          | 20.6 | 450          | 670   |
| 16-C16PN-30 | T26202       | 30                   | 0.030                | 0.76 | 0.080            | 2.0 | 0.930          | 23.6 | 580          | 865   |
| 16-C16PN-37 | T26203       | 37                   | 0.030                | 0.76 | 0.080            | 2.0 | 1.000          | 25.4 | 695          | 1,035 |
| 16-C16PN-44 | T26204       | 44                   | 0.030                | 0.76 | 0.080            | 2.0 | 1.120          | 28.4 | 825          | 1,230 |
| 16-C16PN-60 | T26205       | 60                   | 0.030                | 0.76 | 0.080            | 2.0 | 1.230          | 31.2 | 1,070        | 1,590 |
| 16-C16PN-91 | T26206       | 91                   | 0.030                | 0.76 | 0.080            | 2.0 | 1.420          | 36.1 | 1,645        | 2,450 |

**14 AWG - BOSTRIG™ TYPE P CONTROL RIG CABLE 600V OR 600/1000V**

| Part Number | Draka Number | Number of Conductors | Insulation Thickness |      | Sheath Thickness |     | Cable Diameter |      | Cable Weight |       |
|-------------|--------------|----------------------|----------------------|------|------------------|-----|----------------|------|--------------|-------|
|             |              |                      | in                   | mm   | in               | mm  | in             | mm   | Lbs/Mft      | Kg/Km |
| 16-C14PN-2  | T26207       | 2                    | 0.030                | 0.76 | 0.060            | 1.5 | 0.390          | 9.9  | 85           | 125   |
| 16-C14PN-3  | T26208       | 3                    | 0.030                | 0.76 | 0.060            | 1.5 | 0.410          | 10.4 | 105          | 155   |
| 16-C14PN-4  | T26209       | 4                    | 0.030                | 0.76 | 0.060            | 1.5 | 0.450          | 11.4 | 130          | 195   |
| 16-C14PN-5  | T26210       | 5                    | 0.030                | 0.76 | 0.060            | 1.5 | 0.490          | 12.4 | 160          | 240   |
| 16-C14PN-6  | T26211       | 6                    | 0.030                | 0.76 | 0.060            | 1.5 | 0.530          | 13.5 | 185          | 275   |
| 16-C14PN-7  | T26212       | 7                    | 0.030                | 0.76 | 0.060            | 1.5 | 0.530          | 13.5 | 200          | 300   |
| 16-C14PN-8  | T26213       | 8                    | 0.030                | 0.76 | 0.060            | 1.5 | 0.570          | 14.5 | 230          | 340   |
| 16-C14PN-10 | T26214       | 10                   | 0.030                | 0.76 | 0.060            | 1.5 | 0.660          | 16.8 | 285          | 425   |
| 16-C14PN-12 | T26215       | 12                   | 0.030                | 0.76 | 0.060            | 1.5 | 0.680          | 17.3 | 325          | 485   |
| 16-C14PN-16 | T26216       | 16                   | 0.030                | 0.76 | 0.060            | 1.5 | 0.750          | 19.1 | 415          | 620   |
| 16-C14PN-20 | T26217       | 20                   | 0.030                | 0.76 | 0.080            | 2.0 | 0.880          | 22.4 | 550          | 820   |
| 16-C14PN-24 | T26218       | 24                   | 0.030                | 0.76 | 0.080            | 2.0 | 0.960          | 24.4 | 645          | 960   |
| 16-C14PN-30 | T26219       | 30                   | 0.030                | 0.76 | 0.080            | 2.0 | 1.020          | 25.9 | 775          | 1,155 |
| 16-C14PN-37 | T26220       | 37                   | 0.030                | 0.76 | 0.080            | 2.0 | 1.100          | 27.9 | 930          | 1,385 |
| 16-C14PN-44 | T26221       | 44                   | 0.030                | 0.76 | 0.080            | 2.0 | 1.240          | 31.5 | 1,105        | 1,645 |
| 16-C14PN-60 | T26222       | 60                   | 0.030                | 0.76 | 0.080            | 2.0 | 1.370          | 34.8 | 1,455        | 2,165 |
| 16-C14PN-91 | T26223       | 91                   | 0.030                | 0.76 | 0.080            | 2.0 | 1.650          | 41.9 | 2,145        | 3,190 |

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

† Ampacity based on 45°C ambient temperature: 95°C values based on ABS MODU Rules Table 6 - 100°C values based on IEEE-45 - 110°C values based on API 14F.

**Multi-Conductor, Unarmoured**

| 12 AWG - BOSTRIG™ TYPE P CONTROL RIG CABLE 600V OR 600/1000V |              |                      |                      |      |                  |     |                |      |              |       |
|--------------------------------------------------------------|--------------|----------------------|----------------------|------|------------------|-----|----------------|------|--------------|-------|
| Part Number                                                  | Draka Number | Number of Conductors | Insulation Thickness |      | Sheath Thickness |     | Cable Diameter |      | Cable Weight |       |
|                                                              |              |                      | in                   | mm   | in               | mm  | in             | mm   | Lbs/Mft      | Kg/Km |
| 16-C12PN-2                                                   | 026224       | 2                    | 0.030                | 0.76 | 0.060            | 1.5 | 0.430          | 10.9 | 110          | 165   |
| 16-C12PN-3                                                   | 026225       | 3                    | 0.030                | 0.76 | 0.060            | 1.5 | 0.450          | 11.4 | 140          | 210   |
| 16-C12PN-4                                                   | 026226       | 4                    | 0.030                | 0.76 | 0.060            | 1.5 | 0.490          | 12.4 | 175          | 260   |
| 16-C12PN-5                                                   | 026227       | 5                    | 0.030                | 0.76 | 0.060            | 1.5 | 0.540          | 13.7 | 210          | 315   |
| 16-C12PN-6                                                   | 026228       | 6                    | 0.030                | 0.76 | 0.060            | 1.5 | 0.580          | 14.7 | 250          | 370   |
| 16-C12PN-7                                                   | 026229       | 7                    | 0.030                | 0.76 | 0.060            | 1.5 | 0.580          | 14.7 | 275          | 410   |
| 16-C12PN-8                                                   | 026230       | 8                    | 0.030                | 0.76 | 0.060            | 1.5 | 0.620          | 15.7 | 320          | 475   |
| 16-C12PN-10                                                  | 026231       | 10                   | 0.030                | 0.76 | 0.060            | 1.5 | 0.740          | 18.8 | 390          | 580   |
| 16-C12PN-12                                                  | 026232       | 12                   | 0.030                | 0.76 | 0.060            | 1.5 | 0.760          | 19.3 | 445          | 660   |
| 16-C12PN-16                                                  | 026233       | 16                   | 0.030                | 0.76 | 0.080            | 2.0 | 0.890          | 22.6 | 615          | 915   |
| 16-C12PN-20                                                  | 026234       | 20                   | 0.030                | 0.76 | 0.080            | 2.0 | 0.970          | 24.6 | 755          | 1,125 |
| 16-C12PN-24                                                  | 026235       | 24                   | 0.030                | 0.76 | 0.080            | 2.0 | 1.080          | 27.4 | 890          | 1,325 |
| 16-C12PN-30                                                  | 026236       | 30                   | 0.030                | 0.76 | 0.080            | 2.0 | 1.150          | 29.2 | 1,070        | 1,590 |
| 16-C12PN-37                                                  | 026237       | 37                   | 0.030                | 0.76 | 0.080            | 2.0 | 1.240          | 31.5 | 1,295        | 1,925 |
| 16-C12PN-44                                                  | 026238       | 44                   | 0.030                | 0.76 | 0.080            | 2.0 | 1.400          | 35.6 | 1,540        | 2,290 |
| 16-C12PN-60                                                  | 026239       | 60                   | 0.030                | 0.76 | 0.080            | 2.0 | 1.550          | 39.4 | 2,035        | 3,030 |
| 16-C12PN-91                                                  | 026240       | 91                   | 0.030                | 0.76 | 0.110            | 2.8 | 1.920          | 48.8 | 3,130        | 4,660 |

| 10 AWG - BOSTRIG™ TYPE P CONTROL RIG CABLE 600V OR 600/1000V |              |                      |                      |      |                  |     |                |      |              |       |
|--------------------------------------------------------------|--------------|----------------------|----------------------|------|------------------|-----|----------------|------|--------------|-------|
| Part Number                                                  | Draka Number | Number of Conductors | Insulation Thickness |      | Sheath Thickness |     | Cable Diameter |      | Cable Weight |       |
|                                                              |              |                      | in                   | mm   | in               | mm  | in             | mm   | Lbs/Mft      | Kg/Km |
| 16-C10PN-2                                                   | 026241       | 2                    | 0.030                | 0.76 | 0.060            | 1.5 | 0.490          | 12.4 | 150          | 225   |
| 16-C10PN-3                                                   | 026242       | 3                    | 0.030                | 0.76 | 0.060            | 1.5 | 0.510          | 13.0 | 200          | 300   |
| 16-C10PN-4                                                   | 026243       | 4                    | 0.030                | 0.76 | 0.060            | 1.5 | 0.560          | 14.2 | 250          | 370   |
| 16-C10PN-5                                                   | 026244       | 5                    | 0.030                | 0.76 | 0.060            | 1.5 | 0.620          | 15.7 | 300          | 445   |
| 16-C10PN-6                                                   | 026245       | 6                    | 0.030                | 0.76 | 0.060            | 1.5 | 0.680          | 17.3 | 350          | 520   |
| 16-C10PN-7                                                   | 026246       | 7                    | 0.030                | 0.76 | 0.060            | 1.5 | 0.680          | 17.3 | 390          | 580   |
| 16-C10PN-8                                                   | 026247       | 8                    | 0.030                | 0.76 | 0.060            | 1.5 | 0.730          | 18.5 | 445          | 660   |
| 16-C10PN-10                                                  | 026248       | 10                   | 0.030                | 0.76 | 0.080            | 2.0 | 0.900          | 22.9 | 600          | 895   |

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† Ampacity based on 45°C ambient temperature: 95°C values based on ABS MODU Rules Table 6 - 100°C values based on IEEE-45 - 110°C values based on API 14F.

## Building Wire

- AC90 Armoured Cable
- Fire Alarm Cable
- ACWU Armoured Cable
- NMD90/NMWU90 Cable
- Solid/Stranded Bare Copper
- SIMpull Solutions®
- RW90/RWU 90 CU / AL
- T90 CU/TW75/TWH/TWU
- LVT
- Grounding Cable
- Pump Cable
- Copperweld Cable

## Control Cables

- Multi-conductor
  - Armoured/Unarmoured
- Portable Control Cable
- Shielded Control Cable
- Custom Bundling/Armouring

## Communication

- Computer Cable
- Inside/Outside Plant Wire
- Telephone Cable
- Plenum Cable
- Direct Burial

## Data Cables

- Category 5E, 6, 6A, 7 Rated Cable
- Co-Axial/Twin-Axial Cable
- Ethernet Cable
- Network Cable
- Patch Cords (Copper/Fiber Optic)
- Armoured Data Cable

## Electronic Cables

- Armoured Cable
- Audio/Visual Cable
- Broadcast Cable
- Coaxial/Twin-Axial Cable
- Low Capacitance Wire
- Plenum Wire
- Precision Video Wire
- Industrial Automation Cable
- Belden® Classics & NewGen

## Fiber Optic Cables

- SM/MM
- Loose Tube, Tight Buffer
- Indoor/Outdoor/Riser/ADSS
- Armoured/Non-Armoured
- Hybrid Fiber
- Specialty XPRLTM/RLTM

## Instrumentation

- Armoured/Unarmoured
  - Aluminum/Interlocked Steel
- Multi-conductor/Pairs/Triads
- Shielded/Unshielded
- Thermocouple Wire

## Marine Cables

- Boat Cable
- Shipboard Cable
- Offshore Rig/Marine Cable

## Mining Cables

- Blasting Wire
- Mine Power Feeder Cable
- Portable Power Cable
  - Type W, G, GGC, SHDGC (2KV to 35 KV)
- Trailing Cable
- Cable Assemblies
- Vertical Riser Cable
- Reeling Cable
- DLO (Diesel Locomotive Cable)

## Portable Cords

- High Temperature Cable
- Ultraflex™ Low Temperature Cord
- Ultraflex™ Extension Cord
- Retractable Cord
- Type: SJOW, SOOW, SJTOW, STOW
- Welding Cable
- Stage Lighting
- Landscape Lighting
- Multi-conductor
- Jumper Cable

## Power Cables

- ACSR/AAC Linewire
- High Voltage Power Cable (69-300kv)
- TECK 90 HL Cable (600V-35KV)
- Overhead Service (NS75 / NS90)
  - Duplex, Triplex, Quadruplex
- Underground Service
  - USEI, USEB
- Variable Frequency Drive (VFD) Cable

- Tray Cable (5KV-35KV)
  - Power Cable (NFPA. 130)
- Underground Distribution
- Utility Hydro Cable
- Airguard™ Cable

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- Heat Trace Cables & Accessories
- Low Smoke Zero Halogen Cable
- Parallel Conductor Cord
- RPVU90 Solar Cable
- SIS Switchboard Wire
- Small Diameter Flexible Control (SDN)
- Automotive Cable
- Battery Cables
- Guy Wire & Strand
- Mil Spec Hookup Wire
- Pendant Cables/Festoon
- Teflon® Insulated Wire
- TEW Equipment Wire
- Tracer Wire
- Trailer Cable
- TR64

## Transportation

- Catenary Cable
- Messenger Cable
- Signal Cable
- Track Wire
- Traction Power Cable
- Traffic Signal Cable CLMTO/IMSA

## Additional Services & Accessories

### Tools & Equipment

- Material Handling & Storage
- Cable Pulling & Fishing

### Power Management

- Extension Cords
- Temporary Power Distribution

### Lighting

- Area Lights
- String Lights
- Temporary Overhead Lighting

### Connectors

- Armoured Cable Connectors
- Explosion-proof Connectors
- Strain Reliefs Metal & Nylon
- Tray Cable Connectors

### Accessories

- Hardware, Lugs, Cable Ties
- 3M Accessories
  - Cold Shrink Splices and Terminations
  - Heat Shrink Splices and Terminations
  - Full Line of Accessories Available
- High Voltage Termination Kit
- Split Loom

### Value Added Services

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