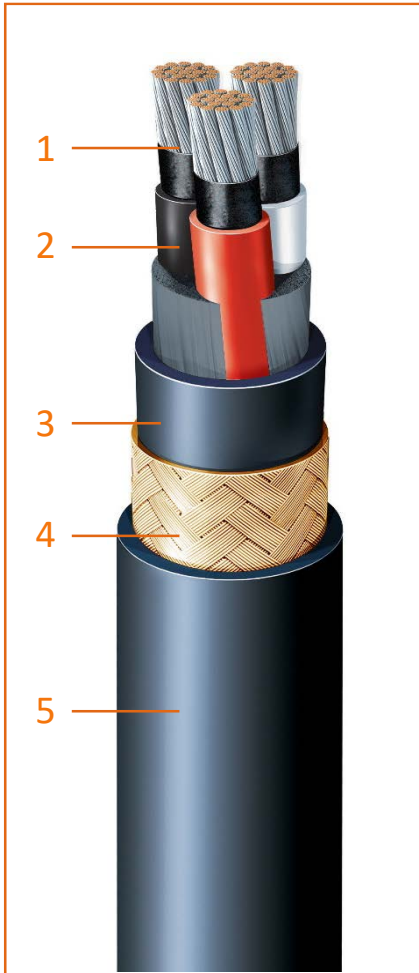


TYPE P FLEXIBLE ARMORED & SHEATHED POWER CABLE: TWO - FIVE CONDUCTOR



PRODUCT DESCRIPTION

0.6/1KV FLEXIBLE TWO - FIVE CONDUCTOR
MARINE/OFFSHORE POWER CABLE
110°C TEMPERATURE RATING
OIL, ABRASION, MOISTURE, PETROCHEMICAL
AND SUNLIGHT RESISTANT
ABS, DNV APPROVED
ETL, UL, CSA LISTED

PRODUCT CONSTRUCTION

1. CONDUCTOR

FLEXIBLE STRANDED TINNED ANNEALED COPPER WIRE

2. INSULATION

CROSS-LINKED FLAME RETARDANT POLYOLEFIN (XLPO)
COLOR CODE: IEEE 1580 TABLE 22

3. JACKET

THERMOSETTING NEOPRENE (TYPE N)

4. ARMOR

BRONZE WIRE BRAID PER IEEE 1580

5. SHEATH

THERMOSETTING NEOPRENE (TYPE N)
BLACK COLOR



STANDARDS

- IEEE 45 (2004), IEEE 1580 (2010), UL 1309 (2011)
- TYPE P INSULATION: IEEE 1580, UL 1309 TYPE X110
- TYPE N SHEATH: IEEE 1580, UL 1309
- FLAME RETARDANT: IEEE 1202 VW-1, IEC 60332-3 CAT. A
- FIRE RESISTANT: IEC 60331-1/2/21 (OPTIONAL)
- COLD BEND/IMPACT: CSA 22.2 NO. 03 (-40°C/-35°C)

TYPE P FLEXIBLE ARMORED & SHEATHED POWER CABLE: TWO - FIVE CONDUCTOR

| 600/1000V TWO CONDUCTOR | | | UNARMORED | | | | ARMORED AND SHEATHED (-BS) | | | | AMPACITY 100°C |
|-------------------------|------------|------------|------------|------|---------|-------|----------------------------|------|---------|-------|-------------------|
| PART NO. | CONDUCTOR | | NOMINAL OD | | WEIGHT | | NOMINAL OD | | WEIGHT | | |
| | # OF CORES | SIZE (AWG) | INCHES | MM | LBS/MFT | KG/KM | INCHES | MM | LBS/MFT | KG/KM | |
| P-2C14 | 2 | 14 | 0.378 | 9.6 | 81 | 120 | 0.583 | 14.8 | 222 | 330 | 31 |
| P-2C12 | 2 | 12 | 0.417 | 10.6 | 108 | 160 | 0.622 | 15.8 | 255 | 380 | 40 |
| P-2C10 | 2 | 10 | 0.472 | 12.0 | 141 | 210 | 0.677 | 17.2 | 309 | 460 | 49 |
| P-2C8 | 2 | 8 | 0.606 | 15.4 | 222 | 330 | 0.811 | 20.6 | 430 | 640 | 64 |
| P-2C6 | 2 | 6 | 0.689 | 17.5 | 309 | 460 | 0.937 | 23.8 | 585 | 870 | 85 |
| P-2C4 | 2 | 4 | 0.906 | 23.0 | 517 | 770 | 1.154 | 29.3 | 867 | 1290 | 110 |
| P-2C2 | 2 | 2 | 1.004 | 25.5 | 672 | 1000 | 1.252 | 31.8 | 1055 | 1570 | 149 |
| P-2C1 | 2 | 1 | 1.161 | 29.5 | 900 | 1340 | 1.409 | 35.8 | 1344 | 2000 | 174 |
| P-2C1/0 | 2 | 1/0 | 1.256 | 31.9 | 1089 | 1620 | 1.504 | 38.2 | 1566 | 2330 | 199 |
| P-2C2/0 | 2 | 2/0 | 1.350 | 34.3 | 1330 | 1980 | 1.598 | 40.6 | 1834 | 2730 | 242 |
| P-2C3/0 | 2 | 3/0 | 1.472 | 37.4 | 1586 | 2360 | 1.780 | 45.2 | 2238 | 3330 | 265 |
| P-2C4/0 | 2 | 4/0 | 1.606 | 40.8 | 1942 | 2890 | 1.913 | 48.6 | 2654 | 3950 | 307 |
| P-2C262 | 2 | 262 | 1.827 | 46.4 | 2453 | 3650 | 2.134 | 54.2 | 3259 | 4850 | 358 |

| 600/1000V THREE CONDUCTOR | | | UNARMORED | | | | ARMORED AND SHEATHED (-BS) | | | | AMPACITY 100°C |
|---------------------------|------------|------------|------------|------|---------|-------|----------------------------|------|---------|-------|-------------------|
| PART NO. | CONDUCTOR | | NOMINAL OD | | WEIGHT | | NOMINAL OD | | WEIGHT | | |
| | # OF CORES | SIZE (AWG) | INCHES | MM | LBS/MFT | KG/KM | INCHES | MM | LBS/MFT | KG/KM | |
| P-3C16 | 3 | 16 | 0.370 | 9.4 | 81 | 120 | 0.575 | 14.6 | 215 | 320 | 16 |
| P-3C14 | 3 | 14 | 0.402 | 10.2 | 101 | 150 | 0.606 | 15.4 | 249 | 370 | 25 |
| P-3C12 | 3 | 12 | 0.441 | 11.2 | 134 | 200 | 0.646 | 16.4 | 296 | 440 | 31 |
| P-3C10 | 3 | 10 | 0.504 | 12.8 | 188 | 280 | 0.709 | 18.0 | 363 | 540 | 41 |
| P-3C8 | 3 | 8 | 0.638 | 16.2 | 282 | 420 | 0.886 | 22.5 | 544 | 810 | 52 |
| P-3C6 | 3 | 6 | 0.732 | 18.6 | 410 | 610 | 0.980 | 24.9 | 699 | 1040 | 70 |
| P-3C4 | 3 | 4 | 0.961 | 24.4 | 679 | 1010 | 1.209 | 30.7 | 1055 | 1570 | 92 |
| P-3C2 | 3 | 2 | 1.067 | 27.1 | 894 | 1330 | 1.315 | 33.4 | 1304 | 1940 | 122 |
| P-3C1 | 3 | 1 | 1.236 | 31.4 | 1210 | 1800 | 1.484 | 37.7 | 1680 | 2500 | 143 |
| P-3C1/0 | 3 | 1/0 | 1.339 | 34.0 | 1478 | 2200 | 1.587 | 40.3 | 1982 | 2950 | 164 |
| P-3C2/0 | 3 | 2/0 | 1.441 | 36.6 | 1814 | 2700 | 1.748 | 44.4 | 2459 | 3660 | 188 |
| P-3C3/0 | 3 | 3/0 | 1.571 | 39.9 | 2170 | 3230 | 1.878 | 47.7 | 2863 | 4260 | 218 |
| P-3C4/0 | 3 | 4/0 | 1.776 | 45.1 | 2782 | 4140 | 2.083 | 52.9 | 3561 | 5300 | 252 |
| P-3C262 | 3 | 262 | 1.949 | 49.5 | 3353 | 4990 | 2.256 | 57.3 | 4207 | 6260 | 294 |
| P-3C313 | 3 | 313 | 2.094 | 53.2 | 3944 | 5870 | 2.402 | 61.0 | 4858 | 7230 | 321 |
| P-3C373 | 3 | 373 | 2.240 | 56.9 | 4603 | 6850 | 2.547 | 64.7 | 5577 | 8300 | 361 |
| P-3C444 | 3 | 444 | 2.402 | 61.0 | 5416 | 8060 | 2.709 | 68.8 | 6458 | 9610 | 411 |
| P-3C535 | 3 | 535 | 2.642 | 67.1 | 6505 | 9680 | 3.008 | 76.4 | 7822 | 11640 | 443 |
| P-3C646 | 3 | 646 | 2.890 | 73.4 | 7808 | 11620 | 3.256 | 82.7 | 9246 | 13760 | 516 |
| P-3C777 | 3 | 777 | 3.075 | 78.1 | 9233 | 13740 | 3.441 | 87.4 | 10758 | 16010 | 562 |

DATA SUBJECT TO NORMAL MANUFACTURING TOLERANCES
 CABLE OD AND WEIGHT ARE NOMINAL. SUBJECT TO INDUSTRY TOLERANCES
 AMPACITY BASED ON 45°C AMBIENT TEMPERATURE; 100°C BASED ON IEEE 45 TABLE 25
 "-BS" ADDED TO PART NUMBER INDICATES ARMORED & SHEATHED CABLE

TYPE P FLEXIBLE ARMORED & SHEATHED POWER CABLE: TWO - FIVE CONDUCTOR

600/1000V FOUR CONDUCTOR

| PART NO. | CONDUCTOR | | UNARMORED | | | | ARMORED AND SHEATHED (-BS) | | | | AMPACITY 100°C |
|----------|---------------|---------------|------------|------|---------|-------|----------------------------|------|---------|-------|-------------------|
| | # OF CORES | SIZE (AWG) | NOMINAL OD | | WEIGHT | | NOMINAL OD | | WEIGHT | | |
| | | | INCHES | MM | LBS/MFT | KG/KM | INCHES | MM | LBS/MFT | KG/KM | |
| P-4C14 | 4 | 14 | 0.437 | 11.1 | 134 | 200 | 0.642 | 16.3 | 296 | 440 | 25 |
| P-4C12 | 4 | 12 | 0.480 | 12.2 | 181 | 270 | 0.685 | 17.4 | 349 | 520 | 31 |
| P-4C10 | 4 | 10 | 0.579 | 14.7 | 269 | 400 | 0.783 | 19.9 | 470 | 700 | 41 |
| P-4C8 | 4 | 8 | 0.701 | 17.8 | 390 | 580 | 0.949 | 24.1 | 672 | 1000 | 52 |
| P-4C6 | 4 | 6 | 0.803 | 20.4 | 564 | 840 | 1.051 | 26.7 | 874 | 1300 | 70 |
| P-4C4 | 4 | 4 | 1.059 | 26.9 | 941 | 1400 | 1.307 | 33.2 | 1344 | 2000 | 92 |
| P-4C2 | 4 | 2 | 1.173 | 29.8 | 1236 | 1840 | 1.421 | 36.1 | 1680 | 2500 | 122 |
| P-4C1 | 4 | 1 | 1.366 | 34.7 | 1693 | 2520 | 1.614 | 41.0 | 2204 | 3280 | 143 |
| P-4C1/0 | 4 | 1/0 | 1.480 | 37.6 | 2063 | 3070 | 1.787 | 45.4 | 2728 | 4060 | 164 |
| P-4C2/0 | 4 | 2/0 | 1.594 | 40.5 | 2540 | 3780 | 1.902 | 48.3 | 3246 | 4830 | 188 |
| P-4C3/0 | 4 | 3/0 | 1.799 | 45.7 | 3152 | 4690 | 2.106 | 53.5 | 3938 | 5860 | 218 |
| P-4C4/0 | 4 | 4/0 | 1.961 | 49.8 | 3877 | 5770 | 2.268 | 57.6 | 4731 | 7040 | 252 |
| P-4C262 | 4 | 262 | 2.157 | 54.8 | 4690 | 6980 | 2.465 | 62.6 | 5631 | 8380 | 294 |
| P-4C313 | 4 | 313 | 2.319 | 58.9 | 5530 | 8230 | 2.626 | 66.7 | 6532 | 9720 | 321 |
| P-4C373 | 4 | 373 | 2.480 | 63.0 | 6458 | 9610 | 2.846 | 72.3 | 7701 | 11460 | 361 |
| P-4C444 | 4 | 444 | 2.661 | 67.6 | 7607 | 11320 | 3.028 | 76.9 | 8930 | 13290 | 411 |
| P-4C535 | 4 | 535 | 2.992 | 76.0 | 9347 | 13910 | 3.358 | 85.3 | 10825 | 16110 | 443 |
| P-4C646 | 4 | 646 | 3.201 | 81.3 | 10953 | 16300 | 3.567 | 90.6 | 12532 | 18650 | 516 |
| P-4C777 | 4 | 777 | 3.386 | 86.0 | 14138 | 21040 | 3.740 | 95.0 | 15858 | 23600 | 562 |

600/1000V FIVE CONDUCTOR

| PART NO. | CONDUCTOR | | UNARMORED | | | | ARMORED AND SHEATHED (-BS) | | | |
|----------|---------------|---------------|------------|------|---------|-------|----------------------------|------|---------|-------|
| | # OF CORES | SIZE (AWG) | NOMINAL OD | | WEIGHT | | NOMINAL OD | | WEIGHT | |
| | | | INCHES | MM | LBS/MFT | KG/KM | INCHES | MM | LBS/MFT | KG/KM |
| P-5C14 | 5 | 14 | 0.476 | 12.1 | 168 | 250 | 0.681 | 17.3 | 336 | 500 |
| P-5C12 | 5 | 12 | 0.555 | 14.1 | 235 | 350 | 0.760 | 19.3 | 430 | 640 |
| P-5C10 | 5 | 10 | 0.630 | 16.0 | 323 | 480 | 0.870 | 22.1 | 571 | 850 |
| P-5C8 | 5 | 8 | 0.768 | 19.5 | 477 | 710 | 1.016 | 25.8 | 779 | 1160 |
| P-5C6 | 5 | 6 | 0.925 | 23.5 | 726 | 1080 | 1.173 | 29.8 | 1082 | 1610 |
| P-5C5 | 5 | 4 | 1.193 | 30.3 | 1163 | 1730 | 1.441 | 36.6 | 1613 | 2400 |
| P-5C2 | 5 | 2 | 1.319 | 33.5 | 1532 | 2280 | 1.559 | 39.6 | 2016 | 3000 |
| P-5C1 | 5 | 1 | 1.535 | 39.0 | 2097 | 3120 | 1.835 | 46.6 | 2769 | 4120 |
| P-5C1/0 | 5 | 1/0 | 1.661 | 42.2 | 2560 | 3810 | 1.961 | 49.8 | 3279 | 4880 |
| P-5C2/0 | 5 | 2/0 | 1.850 | 47.0 | 3266 | 4860 | 2.15 | 54.6 | 4059 | 6040 |
| P-5C3/0 | 5 | 3/0 | 2.016 | 51.2 | 3904 | 5810 | 2.315 | 58.8 | 4764 | 7090 |
| P-5C4/0 | 5 | 4/0 | 2.197 | 55.8 | 4811 | 7160 | 2.496 | 63.4 | 5745 | 8550 |

DATA SUBJECT TO NORMAL MANUFACTURING TOLERANCES
 CABLE OD AND WEIGHT ARE NOMINAL. SUBJECT TO INDUSTRY TOLERANCES
 AMPACITY BASED ON 45°C AMBIENT TEMPERATURE: 100°C BASED ON IEEE 45 TABLE 25
 "-BS" ADDED TO PART NUMBER INDICATES ARMORED & SHEATHED CABLE