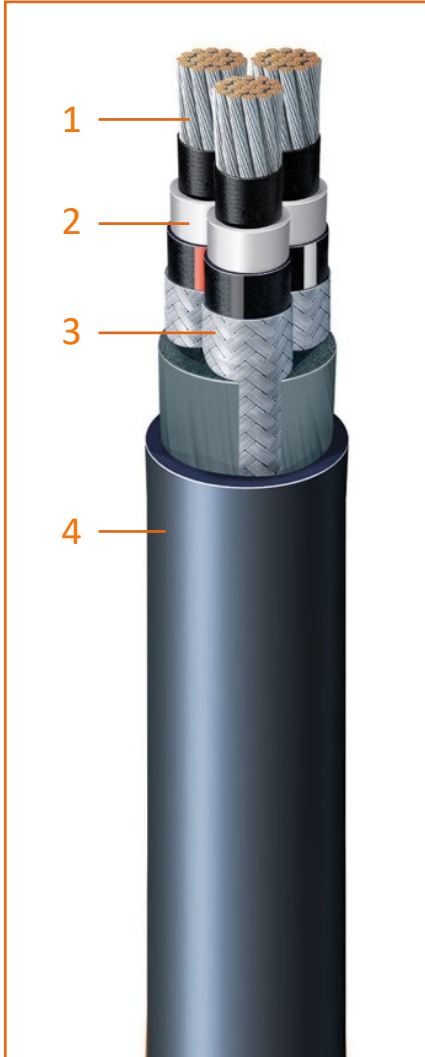


MEDIUM VOLTAGE POWER CABLE: 5KV - 15KV UNARMORED CABLE



PRODUCT DESCRIPTION

5KV, 8KV, 15KV MEDIUM VOLTAGE POWER CABLE
100% & 133% INSULATION LEVELS
90°C TEMPERATURE RATING
OIL, ABRASION, MOISTURE, PETROCHEMICAL
AND SUNLIGHT RESISTANT
TC-ER UL 1277
ABS, DNV APPROVED
ETL, UL LISTED

PRODUCT CONSTRUCTION

1. CONDUCTOR

FLEXIBLE STRANDED TINNED ANNEALED COPPER WIRE

2. INSULATION

ETHYLENE PROPYLENE RUBBER (EPR)

3. INSULATION SHIELD

NON-METALLIC SHIELD: SEMI-CONDUCTION TYPE

METALLIC SHIELD: TINNED ANNEALED COPPER WIRE BRAID

4. JACKET

THERMOSETTING NEOPRENE (TYPE N)



STANDARDS

- IEEE 45 (2004), IEEE 1580 (2010), UL 1309 (2011)
- TYPE E INSULATION: IEEE 1580, UL 1072, UL 1309
- TYPE N SHEATH: IEEE 1580, UL 1309
- FLAME RETARDANT: IEEE 1202, IEC 60332-3 CAT. A
- COLD BEND/IMPACT: CSA 22.2 NO. 03 (-40°C/-35°C)

IEEE 1580 TYPE P CABLE

MEDIUM VOLTAGE POWER CABLE: 5KV - 15KV UNARMORED CABLE

5KV, SINGLE, SHILED 100% INSULATION LEVEL

| 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-1C8SEN(100)5KV | 1 | 8 | 0.622 | 15.8 | 262 | 390 | 0.819 | 20.8 | 477 | 710 |
| P-1C6SEN(100)5KV | 1 | 6 | 0.665 | 16.9 | 316 | 470 | 0.902 | 22.9 | 578 | 860 |
| P-1C4SEN(100)5KV | 1 | 4 | 0.748 | 19.0 | 417 | 620 | 0.984 | 25.0 | 712 | 1060 |
| P-1C2SEN(100)5KV | 1 | 2 | 0.795 | 20.2 | 497 | 740 | 1.031 | 26.2 | 806 | 1200 |
| P-1C1SEN(100)5KV | 1 | 1 | 0.898 | 22.8 | 645 | 960 | 1.134 | 28.8 | 988 | 1470 |
| P-1C1/0SEN(100)5KV | 1 | 1/0 | 0.945 | 24.0 | 746 | 1110 | 1.181 | 30.0 | 1109 | 1650 |
| P-1C2/0SEN(100)5KV | 1 | 2/0 | 0.992 | 25.2 | 874 | 1300 | 1.228 | 31.2 | 1250 | 1860 |
| P-1C3/0SEN(100)5KV | 1 | 3/0 | 1.051 | 26.7 | 1001 | 1490 | 1.287 | 32.7 | 1398 | 2080 |
| P-1C4/0SEN(100)5KV | 1 | 4/0 | 1.118 | 28.4 | 1183 | 1760 | 1.354 | 34.4 | 1606 | 2390 |
| P-1C262SEN(100)5KV | 1 | 262 | 1.181 | 30.0 | 1371 | 2040 | 1.417 | 36.0 | 1814 | 2700 |
| P-1C313SEN(100)5KV | 1 | 313 | 1.248 | 31.7 | 1572 | 2340 | 1.484 | 37.7 | 2043 | 3040 |
| P-1C373SEN(100)5KV | 1 | 373 | 1.315 | 33.4 | 1801 | 2680 | 1.551 | 39.4 | 2291 | 3410 |
| P-1C444SEN(100)5KV | 1 | 444 | 1.390 | 35.3 | 2083 | 3100 | 1.626 | 41.3 | 2594 | 3860 |
| P-1C535SEN(100)5KV | 1 | 535 | 1.472 | 37.4 | 2412 | 3590 | 1.768 | 44.9 | 3064 | 4560 |
| P-1C646SEN(100)5KV | 1 | 646 | 1.559 | 39.6 | 2789 | 4150 | 1.854 | 47.1 | 3474 | 5170 |
| P-1C777SEN(100)5KV | 1 | 777 | 1.646 | 41.8 | 3266 | 4860 | 1.941 | 49.3 | 3985 | 5930 |
| P-1C1111SEN(100)5KV | 1 | 1111 | 1.909 | 48.5 | 4543 | 6760 | 2.205 | 56.00 | 5369 | 7990 |

5KV, SINGLE, SHILED 133% INSULATION LEVEL

| PART NO. | CONDUCTOR | | UNARMORED | | | | ARMORED AND SHEATHED (BS) | | | |
|---------------------|-------------|------------|------------|------|---------|-------|---------------------------|------|---------|-------|
| | # OF TRIADS | SIZE (AWG) | NOMINAL OD | | WEIGHT | | NOMINAL OD | | WEIGHT | |
| | | | INCHES | MM | LBS/MFT | KG/KM | INCHES | MM | LBS/MFT | KG/KM |
| P-1C8SEN(133)5KV | 1 | 8 | 0.673 | 17.1 | 296 | 440 | 0.909 | 23.1 | 564 | 840 |
| P-1C6SEN(133)5KV | 1 | 6 | 0.713 | 18.1 | 349 | 520 | 0.949 | 24.1 | 632 | 940 |
| P-1C4SEN(133)5KV | 1 | 4 | 0.795 | 20.2 | 457 | 680 | 1.031 | 26.2 | 766 | 1140 |
| P-1C2SEN(133)5KV | 1 | 2 | 0.886 | 22.5 | 578 | 860 | 1.122 | 28.5 | 921 | 1370 |
| P-1C1SEN(133)5KV | 1 | 1 | 0.945 | 24.0 | 692 | 1030 | 1.181 | 30.0 | 1055 | 1570 |
| P-1C1/0SEN(133)5KV | 1 | 1/0 | 0.992 | 25.2 | 793 | 1180 | 1.228 | 31.2 | 1169 | 1740 |
| P-1C2/0SEN(133)5KV | 1 | 2/0 | 1.039 | 26.4 | 921 | 1370 | 1.276 | 32.4 | 1310 | 1950 |
| P-1C3/0SEN(133)5KV | 1 | 3/0 | 1.102 | 28.0 | 1055 | 1570 | 1.339 | 34.0 | 1472 | 2190 |
| P-1C4/0SEN(133)5KV | 1 | 4/0 | 1.169 | 29.7 | 1243 | 1850 | 1.406 | 35.7 | 1680 | 2500 |
| P-1C262SEN(133)5KV | 1 | 262 | 1.228 | 31.2 | 1425 | 2120 | 1.465 | 37.2 | 1882 | 2800 |
| P-1C313SEN(133)5KV | 1 | 313 | 1.295 | 32.9 | 1633 | 2430 | 1.531 | 38.9 | 2117 | 3150 |
| P-1C373SEN(133)5KV | 1 | 373 | 1.362 | 34.6 | 1861 | 2770 | 1.598 | 40.6 | 2372 | 3530 |
| P-1C444SEN(133)5KV | 1 | 444 | 1.437 | 36.5 | 2144 | 3190 | 1.732 | 44.0 | 2782 | 4140 |
| P-1C535SEN(133)5KV | 1 | 535 | 1.520 | 38.6 | 2480 | 3690 | 1.815 | 46.1 | 3152 | 4690 |
| P-1C646SEN(133)5KV | 1 | 646 | 1.606 | 40.8 | 2863 | 4260 | 1.902 | 48.3 | 3568 | 5310 |
| P-1C777SEN(133)5KV | 1 | 777 | 1.752 | 44.5 | 3440 | 5120 | 2.047 | 52.0 | 4213 | 6270 |
| P-1C1111SEN(133)5KV | 1 | 1111 | 1.957 | 49.7 | 4630 | 6890 | 2.252 | 57.2 | 5477 | 8150 |

DATA SUBJECT TO NORMAL MANUFACTURING TOLERANCES
CABLE OD AND WEIGHT ARE NOMINAL. SUBJECT TO INDUSTRY TOLERANCES



IEEE 1580 TYPE P CABLE

MEDIUM VOLTAGE POWER CABLE: 5KV - 15KV UNARMORED CABLE

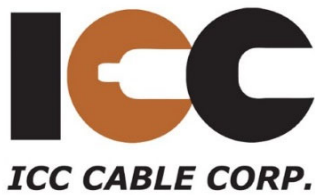
5KV, THREE CONDUCTOR, SHILED 100% INSULATION LEVEL

| PART NO. | CONDUCTOR | | UNARMORED | | | | ARMORED AND SHEATHED (BS) | | | |
|---------------------|-------------|------------|------------|------|---------|-------|---------------------------|-------|---------|-------|
| | # OF TRIADS | SIZE (AWG) | NOMINAL OD | | WEIGHT | | NOMINAL OD | | WEIGHT | |
| | | | INCHES | MM | LBS/MFT | KG/KM | INCHES | MM | LBS/MFT | KG/KM |
| P-3C8SEN(100)5KV | 3 | 8 | 1.228 | 31.2 | 968 | 1440 | 1.465 | 37.2 | 1425 | 2120 |
| P-3C6SEN(100)5KV | 3 | 6 | 1.323 | 33.6 | 1163 | 1730 | 1.559 | 39.6 | 1660 | 2470 |
| P-3C4SEN(100)5KV | 3 | 4 | 1.500 | 38.1 | 1539 | 2290 | 1.795 | 45.6 | 2204 | 3280 |
| P-3C2SEN(100)5KV | 3 | 2 | 1.602 | 40.7 | 1841 | 2740 | 1.898 | 48.2 | 2547 | 3790 |
| P-3C1SEN(100)5KV | 3 | 1 | 1.787 | 45.4 | 2332 | 3470 | 2.083 | 52.9 | 3118 | 4640 |
| P-3C1/0SEN(100)5KV | 3 | 1/0 | 1.890 | 48.0 | 2695 | 4010 | 2.185 | 55.5 | 3521 | 5240 |
| P-3C2/0SEN(100)5KV | 3 | 2/0 | 1.992 | 50.6 | 3131 | 4660 | 2.287 | 58.1 | 3998 | 5950 |
| P-3C3/0SEN(100)5KV | 3 | 3/0 | 2.118 | 53.8 | 3608 | 5370 | 2.413 | 61.3 | 4522 | 6730 |
| P-3C4/0SEN(100)5KV | 3 | 4/0 | 2.264 | 57.5 | 4267 | 6350 | 2.559 | 65.0 | 5241 | 7800 |
| P-3C262SEN(100)5KV | 3 | 262 | 2.402 | 61.0 | 4919 | 7320 | 2.697 | 68.5 | 5947 | 8850 |
| P-3C313SEN(100)5KV | 3 | 313 | 2.543 | 64.6 | 5645 | 8400 | 2.898 | 73.6 | 6908 | 10280 |
| P-3C373SEN(100)5KV | 3 | 373 | 2.689 | 68.3 | 6451 | 9600 | 3.043 | 77.3 | 7788 | 11590 |
| P-3C444SEN(100)5KV | 3 | 444 | 2.909 | 73.9 | 7613 | 11330 | 3.264 | 82.9 | 9051 | 13470 |
| P-3C535SEN(100)5KV | 3 | 535 | 3.087 | 78.4 | 8789 | 13080 | 3.441 | 87.4 | 10308 | 15340 |
| P-3C646SEN(100)5KV | 3 | 646 | 3.272 | 83.1 | 10127 | 15070 | 3.626 | 92.1 | 11739 | 17470 |
| P-3C777SEN(100)5KV | 3 | 777 | 3.461 | 87.9 | 11780 | 17530 | 3.815 | 96.9 | 13473 | 20050 |
| P-3C1111SEN(100)5KV | 3 | 1111 | 3.902 | 99.1 | 15832 | 23560 | 4.256 | 108.1 | 17740 | 26400 |

5KV, THREE CONDUCTOR, SHILED 133% INSULATION LEVEL

| PART NO. | CONDUCTOR | | UNARMORED | | | | ARMORED AND SHEATHED (BS) | | | |
|--------------------|-------------|------------|------------|------|---------|-------|---------------------------|------|---------|-------|
| | # OF TRIADS | SIZE (AWG) | NOMINAL OD | | WEIGHT | | NOMINAL OD | | WEIGHT | |
| | | | INCHES | MM | LBS/MFT | KG/KM | INCHES | MM | LBS/MFT | KG/KM |
| P-3C8SEN(133)5KV | 3 | 8 | 1.339 | 34.0 | 1109 | 1650 | 1.575 | 40.0 | 1613 | 2400 |
| P-3C6SEN(133)5KV | 3 | 6 | 1.425 | 36.2 | 1310 | 1950 | 1.661 | 42.2 | 1841 | 2740 |
| P-3C4SEN(133)5KV | 3 | 4 | 1.602 | 40.7 | 1707 | 2540 | 1.898 | 48.2 | 2412 | 3590 |
| P-3C2SEN(133)5KV | 3 | 2 | 1.764 | 44.8 | 2123 | 3160 | 2.059 | 52.3 | 2896 | 4310 |
| P-3C1SEN(133)5KV | 3 | 1 | 1.890 | 48.0 | 2527 | 3760 | 2.185 | 55.5 | 3353 | 4990 |
| P-3C1/0SEN(133)5KV | 3 | 1/0 | 1.992 | 50.6 | 2896 | 4310 | 2.287 | 58.1 | 3763 | 5600 |
| P-3C2/0SEN(133)5KV | 3 | 2/0 | 2.094 | 53.2 | 3346 | 4980 | 2.390 | 60.7 | 4254 | 6330 |
| P-3C3/0SEN(133)5KV | 3 | 3/0 | 2.228 | 56.6 | 3844 | 5720 | 2.524 | 64.1 | 4805 | 7150 |
| P-3C4/0SEN(133)5KV | 3 | 4/0 | 2.374 | 60.3 | 4516 | 6720 | 2.669 | 67.8 | 5537 | 8240 |
| P-3C262SEN(133)5KV | 3 | 262 | 2.500 | 63.5 | 5161 | 7680 | 2.854 | 72.5 | 6404 | 9530 |
| P-3C313SEN(133)5KV | 3 | 313 | 2.646 | 67.2 | 5913 | 8800 | 3.000 | 76.2 | 7224 | 10750 |
| P-3C373SEN(133)5KV | 3 | 373 | 2.850 | 72.4 | 6908 | 10280 | 3.205 | 81.4 | 8319 | 12380 |
| P-3C444SEN(133)5KV | 3 | 444 | 3.012 | 76.5 | 7916 | 11780 | 3.366 | 85.5 | 9401 | 13990 |
| P-3C535SEN(133)5KV | 3 | 535 | 3.189 | 81.0 | 9105 | 13550 | 3.543 | 90.0 | 10678 | 15890 |
| P-3C646SEN(133)5KV | 3 | 646 | 3.374 | 85.7 | 10463 | 15570 | 3.728 | 94.7 | 12122 | 18040 |
| P-3C777SEN(133)5KV | 3 | 777 | 3.563 | 90.5 | 12136 | 18060 | 3.917 | 99.5 | 13876 | 20650 |

DATA SUBJECT TO NORMAL MANUFACTURING TOLERANCES
CABLE OD AND WEIGHT ARE NOMINAL. SUBJECT TO INDUSTRY TOLERANCES



IEEE 1580 TYPE P CABLE

MEDIUM VOLTAGE POWER CABLE: 5KV - 15KV UNARMORED CABLE

8KV, SINGLE, SHILED 100% INSULATION LEVEL

| 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-1C6SEN(100)8KV | 1 | 6 | 0.720 | 18.3 | 356 | 530 | 0.965 | 24.5 | 645 | 960 |
| P-1C4SEN(100)8KV | 1 | 4 | 0.803 | 20.4 | 464 | 690 | 1.051 | 26.7 | 786 | 1170 |
| P-1C2SEN(100)8KV | 1 | 2 | 0.894 | 22.7 | 585 | 870 | 1.142 | 29.0 | 941 | 1400 |
| P-1C1SEN(100)8KV | 1 | 1 | 0.953 | 24.2 | 699 | 1040 | 1.205 | 30.6 | 1082 | 1610 |
| P-1C1/0SEN(100)8KV | 1 | 1/0 | 1.000 | 25.4 | 800 | 1190 | 1.252 | 31.8 | 1203 | 1790 |
| P-1C2/0SEN(100)8KV | 1 | 2/0 | 1.047 | 26.6 | 927 | 1380 | 1.299 | 33.0 | 1344 | 2000 |
| P-1C3/0SEN(100)8KV | 1 | 3/0 | 1.110 | 28.2 | 1062 | 1580 | 1.362 | 34.6 | 1505 | 2240 |
| P-1C4/0SEN(100)8KV | 1 | 4/0 | 1.177 | 29.9 | 1250 | 1860 | 1.433 | 36.4 | 1720 | 2560 |
| P-1C262SEN(100)8KV | 1 | 262 | 1.236 | 31.4 | 1431 | 2130 | 1.492 | 37.9 | 1929 | 2870 |
| P-1C313SEN(100)8KV | 1 | 313 | 1.303 | 33.1 | 1640 | 2440 | 1.559 | 39.6 | 2157 | 3210 |
| P-1C373SEN(100)8KV | 1 | 373 | 1.370 | 34.8 | 1875 | 2790 | 1.630 | 41.4 | 2419 | 3600 |
| P-1C444SEN(100)8KV | 1 | 444 | 1.445 | 36.7 | 2157 | 3210 | 1.768 | 44.9 | 2842 | 4230 |
| P-1C535SEN(100)8KV | 1 | 535 | 1.528 | 38.8 | 2486 | 3700 | 1.850 | 47.0 | 3219 | 4790 |
| P-1C646SEN(100)8KV | 1 | 646 | 1.614 | 41.0 | 2876 | 4280 | 1.937 | 49.2 | 3635 | 5410 |
| P-1C777SEN(100)8KV | 1 | 777 | 1.760 | 44.7 | 3454 | 5140 | 2.087 | 53.0 | 4294 | 6390 |
| P-1C1111SEN(100)8KV | 1 | 1111 | 1.965 | 49.9 | 4643 | 6910 | 2.295 | 58.3 | 5577 | 8300 |

8KV, SINGLE, SHILED 133% INSULATION LEVEL

| PART NO. | CONDUCTOR | | UNARMORED | | | | ARMORED AND SHEATHED (BS) | | | |
|---------------------|-------------|------------|------------|------|---------|-------|---------------------------|------|---------|-------|
| | # OF TRIADS | SIZE (AWG) | NOMINAL OD | | WEIGHT | | NOMINAL OD | | WEIGHT | |
| | | | INCHES | MM | LBS/MFT | KG/KM | INCHES | MM | LBS/MFT | KG/KM |
| P-1C6SEN(133)8KV | 1 | 6 | 0.772 | 19.6 | 396 | 590 | 1.020 | 25.9 | 706 | 1050 |
| P-1C4SEN(133)8KV | 1 | 4 | 0.898 | 22.8 | 544 | 810 | 1.146 | 29.1 | 900 | 1340 |
| P-1C2SEN(133)8KV | 1 | 2 | 0.945 | 24.0 | 632 | 940 | 1.197 | 30.4 | 1015 | 1510 |
| P-1C1SEN(133)8KV | 1 | 1 | 1.004 | 25.5 | 746 | 1110 | 1.256 | 31.9 | 1149 | 1710 |
| P-1C1/0SEN(133)8KV | 1 | 1/0 | 1.051 | 26.7 | 847 | 1260 | 1.303 | 33.1 | 1270 | 1890 |
| P-1C2/0SEN(133)8KV | 1 | 2/0 | 1.098 | 27.9 | 981 | 1460 | 1.350 | 34.3 | 1418 | 2110 |
| P-1C3/0SEN(133)8KV | 1 | 3/0 | 1.161 | 29.5 | 1115 | 1660 | 1.417 | 36.0 | 1586 | 2360 |
| P-1C4/0SEN(133)8KV | 1 | 4/0 | 1.228 | 31.2 | 1304 | 1940 | 1.484 | 37.7 | 1801 | 2680 |
| P-1C262SEN(133)8KV | 1 | 262 | 1.287 | 32.7 | 1492 | 2220 | 1.543 | 39.2 | 2002 | 2980 |
| P-1C313SEN(133)8KV | 1 | 313 | 1.354 | 34.4 | 1707 | 2540 | 1.614 | 41.0 | 2251 | 3350 |
| P-1C373SEN(133)8KV | 1 | 373 | 1.421 | 36.1 | 1935 | 2880 | 1.681 | 42.7 | 2506 | 3730 |
| P-1C444SEN(133)8KV | 1 | 444 | 1.496 | 38.0 | 2224 | 3310 | 1.819 | 46.2 | 2937 | 4370 |
| P-1C535SEN(133)8KV | 1 | 535 | 1.579 | 40.1 | 2560 | 3810 | 1.902 | 48.3 | 3313 | 4930 |
| P-1C646SEN(133)8KV | 1 | 646 | 1.665 | 42.3 | 2950 | 4390 | 1.992 | 50.6 | 3743 | 5570 |
| P-1C777SEN(133)8KV | 1 | 777 | 1.811 | 46.0 | 3541 | 5270 | 2.138 | 54.3 | 4401 | 6550 |
| P-1C1111SEN(133)8KV | 1 | 1111 | 2.016 | 51.2 | 4731 | 7040 | 2.346 | 59.6 | 5692 | 8470 |

DATA SUBJECT TO NORMAL MANUFACTURING TOLERANCES
CABLE OD AND WEIGHT ARE NOMINAL. SUBJECT TO INDUSTRY TOLERANCES

MEDIUM VOLTAGE POWER CABLE: 5KV - 15KV UNARMORED CABLE

8KV, THREE CONDUCTOR, SHILED 100% INSULATION LEVEL

| PART NO. | CONDUCTOR | | UNARMORED | | | | ARMORED AND SHEATHED (BS) | | | |
|--------------------|-------------|------------|------------|------|---------|-------|---------------------------|-------|---------|-------|
| | # OF TRIADS | SIZE (AWG) | NOMINAL OD | | WEIGHT | | NOMINAL OD | | WEIGHT | |
| | | | INCHES | MM | LBS/MFT | KG/KM | INCHES | MM | LBS/MFT | KG/KM |
| P-3C6SEN(100)8KV | 3 | 6 | 1.441 | 36.6 | 1337 | 1990 | 1.764 | 44.8 | 2023 | 3010 |
| P-3C4SEN(100)8KV | 3 | 4 | 1.618 | 41.1 | 1734 | 2580 | 1.941 | 49.3 | 2500 | 3720 |
| P-3C2SEN(100)8KV | 3 | 2 | 1.780 | 45.2 | 2150 | 3200 | 2.106 | 53.5 | 2997 | 4460 |
| P-3C1SEN(100)8KV | 3 | 1 | 1.909 | 48.5 | 2567 | 3820 | 2.240 | 56.9 | 3481 | 5180 |
| P-3C1/0SEN(100)8KV | 3 | 1/0 | 2.008 | 51.0 | 2930 | 4360 | 2.339 | 59.4 | 3884 | 5780 |
| P-3C2/0SEN(100)8KV | 3 | 2/0 | 2.110 | 53.6 | 3380 | 5030 | 2.445 | 62.1 | 4388 | 6530 |
| P-3C3/0SEN(100)8KV | 3 | 3/0 | 2.248 | 57.1 | 3884 | 5780 | 2.587 | 65.7 | 4973 | 7400 |
| P-3C4/0SEN(100)8KV | 3 | 4/0 | 2.390 | 60.7 | 4549 | 6770 | 2.728 | 69.3 | 5698 | 8480 |
| P-3C262SEN(100)8KV | 3 | 262 | 2.520 | 64.0 | 5208 | 7750 | 2.925 | 74.3 | 6612 | 9840 |
| P-3C313SEN(100)8KV | 3 | 313 | 2.661 | 67.6 | 5954 | 8860 | 3.067 | 77.9 | 7432 | 11060 |
| P-3C373SEN(100)8KV | 3 | 373 | 2.866 | 72.8 | 6948 | 10340 | 3.280 | 83.3 | 8561 | 12740 |
| P-3C444SEN(100)8KV | 3 | 444 | 3.028 | 76.9 | 7963 | 11850 | 3.441 | 87.4 | 9663 | 14380 |
| P-3C535SEN(100)8KV | 3 | 535 | 3.205 | 81.4 | 9152 | 13620 | 3.622 | 92.0 | 10967 | 16320 |
| P-3C646SEN(100)8KV | 3 | 646 | 3.394 | 86.2 | 10530 | 15670 | 3.815 | 96.9 | 12458 | 18540 |
| P-3C777SEN(100)8KV | 3 | 777 | 3.579 | 90.9 | 12183 | 18130 | 4.004 | 101.7 | 14232 | 21180 |

8KV, THREE CONDUCTOR, SHILED 133% INSULATION LEVEL

| PART NO. | CONDUCTOR | | UNARMORED | | | | ARMORED AND SHEATHED (BS) | | | |
|--------------------|-------------|------------|------------|------|---------|-------|---------------------------|-------|---------|-------|
| | # OF TRIADS | SIZE (AWG) | NOMINAL OD | | WEIGHT | | NOMINAL OD | | WEIGHT | |
| | | | INCHES | MM | LBS/MFT | KG/KM | INCHES | MM | LBS/MFT | KG/KM |
| P-3C6SEN(133)8KV | 3 | 6 | 1.551 | 39.4 | 1498 | 2230 | 1.874 | 47.6 | 2238 | 3330 |
| P-3C4SEN(133)8KV | 3 | 4 | 1.787 | 45.4 | 2023 | 3010 | 2.114 | 53.7 | 2876 | 4280 |
| P-3C2SEN(133)8KV | 3 | 2 | 1.890 | 48.0 | 2352 | 3500 | 2.220 | 56.4 | 3252 | 4840 |
| P-3C1SEN(133)8KV | 3 | 1 | 2.020 | 51.3 | 2782 | 4140 | 2.354 | 59.8 | 3750 | 5580 |
| P-3C1/0SEN(133)8KV | 3 | 1/0 | 2.118 | 53.8 | 3152 | 4690 | 2.453 | 62.3 | 4166 | 6200 |
| P-3C2/0SEN(133)8KV | 3 | 2/0 | 2.220 | 56.4 | 3608 | 5370 | 2.559 | 65.0 | 4684 | 6970 |
| P-3C3/0SEN(133)8KV | 3 | 3/0 | 2.358 | 59.9 | 4133 | 6150 | 2.697 | 68.5 | 5268 | 7840 |
| P-3C4/0SEN(133)8KV | 3 | 4/0 | 2.500 | 63.5 | 4811 | 7160 | 2.906 | 73.8 | 6209 | 9240 |
| P-3C262SEN(133)8KV | 3 | 262 | 2.630 | 66.8 | 5483 | 8160 | 3.035 | 77.1 | 6948 | 10340 |
| P-3C313SEN(133)8KV | 3 | 313 | 2.831 | 71.9 | 6411 | 9540 | 3.240 | 82.3 | 7990 | 11890 |
| P-3C373SEN(133)8KV | 3 | 373 | 2.976 | 75.6 | 7257 | 10800 | 3.390 | 86.1 | 8930 | 13290 |
| P-3C444SEN(133)8KV | 3 | 444 | 3.138 | 79.7 | 8285 | 12330 | 3.555 | 90.3 | 10059 | 14970 |
| P-3C535SEN(133)8KV | 3 | 535 | 3.315 | 84.2 | 9495 | 14130 | 3.736 | 94.9 | 11383 | 16940 |
| P-3C646SEN(133)8KV | 3 | 646 | 3.504 | 89.0 | 10893 | 16210 | 3.929 | 99.8 | 12895 | 19190 |
| P-3C777SEN(133)8KV | 3 | 777 | 3.689 | 93.7 | 12566 | 18700 | 4.118 | 104.6 | 14683 | 21850 |

DATA SUBJECT TO NORMAL MANUFACTURING TOLERANCES
CABLE OD AND WEIGHT ARE NOMINAL. SUBJECT TO INDUSTRY TOLERANCES

MEDIUM VOLTAGE POWER CABLE: 5KV - 15KV UNARMORED CABLE

15KV, SINGLE, SHILED 100% INSULATION LEVEL

| 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-1C2SEN(100)15KV | 1 | 2 | 1.031 | 26.2 | 712 | 1060 | 1.283 | 32.6 | 1122 | 1670 |
| P-1C1SEN(100)15KV | 1 | 1 | 1.091 | 27.7 | 833 | 1240 | 1.343 | 34.1 | 1263 | 1880 |
| P-1C1/0SEN(100)15KV | 1 | 1/0 | 1.138 | 28.9 | 941 | 1400 | 1.394 | 35.4 | 1398 | 2080 |
| P-1C2/0SEN(100)15KV | 1 | 2/0 | 1.185 | 30.1 | 1068 | 1590 | 1.441 | 36.6 | 1546 | 2300 |
| P-1C3/0SEN(100)15KV | 1 | 3/0 | 1.244 | 31.6 | 1210 | 1800 | 1.500 | 38.1 | 1707 | 2540 |
| P-1C4/0SEN(100)15KV | 1 | 4/0 | 1.311 | 33.3 | 1404 | 2090 | 1.567 | 39.8 | 1929 | 2870 |
| P-1C262SEN(100)15KV | 1 | 262 | 1.374 | 34.9 | 1599 | 2380 | 1.634 | 41.5 | 2150 | 3200 |
| P-1C313SEN(100)15KV | 1 | 313 | 1.441 | 36.6 | 1814 | 2700 | 1.764 | 44.8 | 2506 | 3730 |
| P-1C373SEN(100)15KV | 1 | 373 | 1.508 | 38.3 | 2056 | 3060 | 1.831 | 46.5 | 2769 | 4120 |
| P-1C444SEN(100)15KV | 1 | 444 | 1.583 | 40.2 | 2345 | 3490 | 1.906 | 48.4 | 3098 | 4610 |
| P-1C535SEN(100)15KV | 1 | 535 | 1.665 | 42.3 | 2688 | 4000 | 1.992 | 50.6 | 3481 | 5180 |
| P-1C646SEN(100)15KV | 1 | 646 | 1.811 | 46.0 | 3192 | 4750 | 2.138 | 54.3 | 4052 | 6030 |
| P-1C777SEN(100)15KV | 1 | 777 | 1.898 | 48.2 | 3682 | 5480 | 2.228 | 56.6 | 4590 | 6830 |
| P-1C1111SEN(100)15KV | 1 | 1111 | 2.102 | 53.4 | 4892 | 7280 | 2.437 | 61.9 | 5900 | 8780 |

15KV, SINGLE, SHILED 133% INSULATION LEVEL

| PART NO. | CONDUCTOR | | UNARMORED | | | | ARMORED AND SHEATHED (BS) | | | |
|----------------------|-------------|------------|------------|------|---------|-------|---------------------------|------|---------|-------|
| | # OF TRIADS | SIZE (AWG) | NOMINAL OD | | WEIGHT | | NOMINAL OD | | WEIGHT | |
| | | | INCHES | MM | LBS/MFT | KG/KM | INCHES | MM | LBS/MFT | KG/KM |
| P-1C2SEN(133)15KV | 1 | 2 | 1.102 | 28.0 | 786 | 1170 | 1.339 | 34.0 | 1203 | 1790 |
| P-1C1SEN(133)15KV | 1 | 1 | 1.161 | 29.5 | 907 | 1350 | 1.398 | 35.5 | 1344 | 2000 |
| P-1C1/0SEN(133)15KV | 1 | 1/0 | 1.209 | 30.7 | 1021 | 1520 | 1.445 | 36.7 | 1472 | 2190 |
| P-1C2/0SEN(133)15KV | 1 | 2/0 | 1.256 | 31.9 | 1156 | 1720 | 1.492 | 37.9 | 1626 | 2420 |
| P-1C3/0SEN(133)15KV | 1 | 3/0 | 1.319 | 33.5 | 1304 | 1940 | 1.555 | 39.5 | 1794 | 2670 |
| P-1C4/0SEN(133)15KV | 1 | 4/0 | 1.386 | 35.2 | 1498 | 2230 | 1.622 | 41.2 | 2016 | 3000 |
| P-1C262SEN(133)15KV | 1 | 262 | 1.445 | 36.7 | 1693 | 2520 | 1.740 | 44.2 | 2332 | 3470 |
| P-1C313SEN(133)15KV | 1 | 313 | 1.512 | 38.4 | 1915 | 2850 | 1.807 | 45.9 | 2580 | 3840 |
| P-1C373SEN(133)15KV | 1 | 373 | 1.579 | 40.1 | 2157 | 3210 | 1.874 | 47.6 | 2849 | 4240 |
| P-1C444SEN(133)15KV | 1 | 444 | 1.654 | 42.0 | 2453 | 3650 | 1.949 | 49.5 | 3178 | 4730 |
| P-1C535SEN(133)15KV | 1 | 535 | 1.795 | 45.6 | 2910 | 4330 | 2.091 | 53.1 | 3689 | 5490 |
| P-1C646SEN(133)15KV | 1 | 646 | 1.882 | 47.8 | 3313 | 4930 | 2.177 | 55.3 | 4133 | 6150 |
| P-1C777SEN(133)15KV | 1 | 777 | 1.969 | 50.0 | 3810 | 5670 | 2.264 | 57.5 | 4663 | 6940 |
| P-1C1111SEN(133)15KV | 1 | 1111 | 2.213 | 56.2 | 5033 | 7490 | 2.469 | 62.7 | 5974 | 8890 |

DATA SUBJECT TO NORMAL MANUFACTURING TOLERANCES
CABLE OD AND WEIGHT ARE NOMINAL. SUBJECT TO INDUSTRY TOLERANCES



IEEE 1580 TYPE P CABLE

MEDIUM VOLTAGE POWER CABLE: 5KV - 15KV UNARMORED CABLE

15KV, THREE CONDUCTOR, SHILED 100% INSULATION LEVEL

| PART NO. | CONDUCTOR | | UNARMORED | | | | ARMORED AND SHEATHED (BS) | | | |
|---------------------|-------------|------------|------------|------|---------|-------|---------------------------|-------|---------|-------|
| | # OF TRIADS | SIZE (AWG) | NOMINAL OD | | WEIGHT | | NOMINAL OD | | WEIGHT | |
| | | | INCHES | MM | LBS/MFT | KG/KM | INCHES | MM | LBS/MFT | KG/KM |
| P-3C2SEN(100)15KV | 3 | 2 | 2.079 | 52.8 | 2721 | 4050 | 2.413 | 61.3 | 3716 | 5530 |
| P-3C1SEN(100)15KV | 3 | 1 | 2.205 | 56.0 | 3158 | 4700 | 2.539 | 64.5 | 4213 | 6270 |
| P-3C1/0SEN(100)15KV | 3 | 1/0 | 2.307 | 58.6 | 3561 | 5300 | 2.646 | 67.2 | 4670 | 6950 |
| P-3C2/0SEN(100)15KV | 3 | 2/0 | 2.409 | 61.2 | 4032 | 6000 | 2.748 | 69.8 | 5194 | 7730 |
| P-3C3/0SEN(100)15KV | 3 | 3/0 | 2.535 | 64.4 | 4556 | 6780 | 2.941 | 74.7 | 5974 | 8890 |
| P-3C4/0SEN(100)15KV | 3 | 4/0 | 2.681 | 68.1 | 5275 | 7850 | 3.091 | 78.5 | 6773 | 10080 |
| P-3C262SEN(100)15KV | 3 | 262 | 2.874 | 73.0 | 6135 | 9130 | 3.287 | 83.5 | 7755 | 11540 |
| P-3C313SEN(100)15KV | 3 | 313 | 3.020 | 76.7 | 6935 | 10320 | 3.433 | 87.2 | 8635 | 12850 |
| P-3C373SEN(100)15KV | 3 | 373 | 3.161 | 80.3 | 7795 | 11600 | 3.579 | 90.9 | 9582 | 14260 |
| P-3C444SEN(100)15KV | 3 | 444 | 3.323 | 84.4 | 8850 | 13170 | 3.744 | 95.1 | 10738 | 15980 |
| P-3C535SEN(100)15KV | 3 | 535 | 3.504 | 89.0 | 10106 | 15040 | 3.929 | 99.8 | 12109 | 18020 |
| P-3C646SEN(100)15KV | 3 | 646 | 3.689 | 93.7 | 11518 | 17140 | 4.118 | 104.6 | 13634 | 20290 |

15KV, THREE CONDUCTOR, SHILED 133% INSULATION LEVEL

| PART NO. | CONDUCTOR | | UNARMORED | | | | ARMORED AND SHEATHED (BS) | | | |
|---------------------|-------------|------------|------------|------|---------|-------|---------------------------|-------|---------|-------|
| | # OF TRIADS | SIZE (AWG) | NOMINAL OD | | WEIGHT | | NOMINAL OD | | WEIGHT | |
| | | | INCHES | MM | LBS/MFT | KG/KM | INCHES | MM | LBS/MFT | KG/KM |
| P-3C2SEN(133)15KV | 3 | 2 | 2.248 | 57.1 | 3084 | 4590 | 2.587 | 65.7 | 4166 | 6200 |
| P-3C1SEN(133)15KV | 3 | 1 | 2.374 | 60.3 | 3541 | 5270 | 2.713 | 68.9 | 4684 | 6970 |
| P-3C1/0SEN(133)15KV | 3 | 1/0 | 2.476 | 62.9 | 3958 | 5890 | 2.882 | 73.2 | 5342 | 7950 |
| P-3C2/0SEN(133)15KV | 3 | 2/0 | 2.579 | 65.5 | 4448 | 6620 | 2.984 | 75.8 | 5886 | 8760 |
| P-3C3/0SEN(133)15KV | 3 | 3/0 | 2.713 | 68.9 | 4999 | 7440 | 3.122 | 79.3 | 6525 | 9710 |
| P-3C4/0SEN(133)15KV | 3 | 4/0 | 2.917 | 74.1 | 5913 | 8800 | 3.331 | 84.6 | 7553 | 11240 |
| P-3C262SEN(133)15KV | 3 | 262 | 3.043 | 77.3 | 6626 | 9860 | 3.457 | 87.8 | 8332 | 12400 |
| P-3C313SEN(133)15KV | 3 | 313 | 3.189 | 81.0 | 7445 | 11080 | 3.606 | 91.6 | 9246 | 13760 |
| P-3C373SEN(133)15KV | 3 | 373 | 3.331 | 84.6 | 8332 | 12400 | 3.752 | 95.3 | 10221 | 15210 |
| P-3C444SEN(133)15KV | 3 | 444 | 3.492 | 88.7 | 9408 | 14000 | 3.917 | 99.5 | 11403 | 16970 |
| P-3C535SEN(133)15KV | 3 | 535 | 3.673 | 93.3 | 10691 | 15910 | 4.102 | 104.2 | 12801 | 19050 |
| P-3C646SEN(133)15KV | 3 | 646 | 3.858 | 98.0 | 12129 | 18050 | 4.291 | 109.0 | 14360 | 21370 |

DATA SUBJECT TO NORMAL MANUFACTURING TOLERANCES
CABLE OD AND WEIGHT ARE NOMINAL. SUBJECT TO INDUSTRY TOLERANCES