



SOOW

600V

UL 62 and CAN/CSA C22.2 No 49

Portable cord and control cable, 105°C, Integral version. Extra Hard Usage

APPLICATIONS

- Industrial and processing equipment, cranes and hoists, track systems, tools, construction equipment, motors and associated machinery, garage portable lights, battery charger and equipment exposed to oils, solvents, flame, moisture and other electrical equipment
- Other industrial applications

CONSTRUCTION

| | | | | | | | | | |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|--------|---------------|--------|--------|---------------|--------|--------|
| Conductors | Flexible stranded bare copper in accordance with ASTM B3 and UL 62 | | | | | | | | |
| Separator | Paper tape as needed | | | | | | | | |
| Insulation | EPR compound Class 19 complies with Table 8 of UL 62 | | | | | | | | |
| Color code | ICEA S-58-679, Method 1, Tab.1 ¹⁾ non NEC applications ²⁾ 2/C Black, White 3/C Black, White, Green 4/C Black, White, Red, Green 5/C Black, White, Red, Green, Orange | | | | | | | | |
| Multicore cables | Numb. of core | Colour | Tracer | Numb. of core | Colour | Tracer | Numb. of core | Colour | Tracer |
| | 1 | Black | – | 8 | Red | Black | 15 | Blue | White |
| | 2 | White | – | 9 | Green | Black | 16 | Black | Red |
| | 3 | Red | – | 10 | Orange | Black | 17 | White | Red |
| | 4 | Green | – | 11 | Blue | Black | 18 | Orange | Red |
| | 5 | Orange | – | 12 | Black | White | 19 | Blue | Red |
| | 6 | Blue | – | 13 | Red | White | 20 | Red | Green |
| | 7 | White | Black | 14 | Green | White | 21 | Orange | Green |

1) For more than 21 conductors the color sequence is repeated as necessary

2) For method 1 color sequence to comply with NEC applications



SOOW

| | |
|-----------------------|-----------------------------------------------------------------------------------------------------|
| Cabling | Insulated conductors are assembled round together without rubber fillers. (Integral Filled Version) |
| Separator | Polyester tape under jacket above 5 cores cables |
| Outer jacket | CPE compound Class 1.12 105°C complies with Table 11 of UL 62 |
| Color of outer jacket | Yellow or black |

Features

| | |
|----------------------------------------------------------------------------------------|-----------------------------------------|
| Excellent flexibility, resistance to oil, solvents, ozone, weather, sunlight and water | UV, sunlight, ozone, oil resistant |
| Flame test meets FT2 | Ink jet printed for easy identification |
| Maximum temperature: +105°C | |

Approvals

| | |
|-------------------------------|--------------------------------------------------------------------------------------------|
| UL: | E123366 |
| CSA: | 1534535 (LL 103932) |
| Standard length cable packing | 250, 500 or 1000 ft on drums. Other forms of packing and delivery are available on request |

| Part number | Size | Noof conductor | Conductor strand | Nominal insulation thickness | | Nominal jacket thickness | | Nominal overall diameter | | Weight | Ampacity at 30°C in air |
|-------------|------|----------------|------------------|------------------------------|------|--------------------------|------|--------------------------|------|------------|-------------------------|
| | AWG | N | N/AWG | Inches | mm | Inches | mm | Inches | mm | lbs/1000ft | A |
| SOOW18-2 | 18 | 2 | 16 / 30 | 0.030 | 0.76 | 0.060 | 1.52 | 0.34 | 8.6 | 63 | 10 |
| SOOW18-3 | | 3 | 16 / 30 | 0.030 | 0.76 | 0.060 | 1.52 | 0.36 | 9.1 | 74 | 10 |
| SOOW18-4 | | 4 | 16 / 30 | 0.030 | 0.76 | 0.060 | 1.52 | 0.39 | 9.8 | 87 | 7 |
| SOOW18-5 | | 5 | 16 / 30 | 0.030 | 0.76 | 0.080 | 2.03 | 0.46 | 11.7 | 123 | 5.6 |
| SOOW18-6 | | 6 | 16 / 30 | 0.030 | 0.76 | 0.080 | 2.03 | 0.48 | 12.3 | 131 | 5.6 |
| SOOW18-7 | | 7 | 16 / 30 | 0.030 | 0.76 | 0.080 | 2.03 | 0.48 | 12.3 | 134 | 5.6 |
| SOOW18-8 | | 8 | 16 / 30 | 0.030 | 0.76 | 0.080 | 2.03 | 0.52 | 13.1 | 151 | 4.9 |
| SOOW18-10 | | 10 | 16 / 30 | 0.030 | 0.76 | 0.080 | 2.03 | 0.59 | 15.0 | 180 | 4.9 |

SOOW

| Part number | Size | Noof conductor | Conductor strand | Nominal insulation thickness | | Nominal jacket thickness | | Nominal overall diameter | | Weight | Ampacity at 30°C in air |
|-------------|------|----------------|------------------|------------------------------|-------|--------------------------|-------|--------------------------|------|------------|-------------------------|
| | AWG | N | N/AWG | Inches | mm | Inches | mm | Inches | mm | lbs/1000ft | A |
| SOOW18-12 | 18 | 12 | 16 / 30 | 0.030 | 0.76 | 0.080 | 2.03 | 0.61 | 15.4 | 202 | 3.5 |
| SOOW18-14 | | 14 | 16 / 30 | 0.030 | 0.76 | 0.095 | 2.41 | 0.66 | 16.9 | 246 | 3.5 |
| SOOW18-16 | | 16 | 16 / 30 | 0.030 | 0.76 | 0.095 | 2.41 | 0.69 | 17.6 | 274 | 3.5 |
| SOOW18-18 | | 18 | 16 / 30 | 0.030 | 0.76 | 0.095 | 2.41 | 0.73 | 18.5 | 303 | 3.5 |
| SOOW18-20 | | 20 | 16 / 30 | 0.030 | 0.76 | 0.095 | 2.41 | 0.76 | 19.3 | 333 | 3.5 |
| SOOW18-22 | | 22 | 16 / 30 | 0.030 | 0.76 | 0.095 | 2.41 | 0.83 | 21.2 | 357 | 3.2 |
| SOOW18-24 | | 24 | 16 / 30 | 0.030 | 0.76 | 0.095 | 2.41 | 0.83 | 21.2 | 376 | 3.2 |
| SOOW18-26 | | 26 | 16 / 30 | 0.030 | 0.76 | 0.095 | 2.41 | 0.85 | 21.7 | 401 | 3.2 |
| SOOW18-27 | | 27 | 16 / 30 | 0.030 | 0.76 | 0.095 | 2.41 | 0.85 | 21.9 | 409 | 3.2 |
| SOOW18-30 | | 30 | 16 / 30 | 0.030 | 0.76 | 0.110 | 2.79 | 0.91 | 23.0 | 470 | 3.2 |
| SOOW18-36 | | 36 | 16 / 30 | 0.030 | 0.76 | 0.110 | 2.79 | 0.97 | 24.7 | 551 | 2.8 |
| SOOW18-39 | | 39 | 16 / 30 | 0.030 | 0.76 | 0.110 | 2.79 | 1.04 | 26.3 | 604 | 2.8 |
| SOOW18-44 | | 44 | 16 / 30 | 0.030 | 0.76 | 0.110 | 2.79 | 1.08 | 27.4 | 647 | 2.5 |
| SOOW18-52 | | 52 | 16 / 30 | 0.030 | 0.76 | 0.110 | 2.79 | 1.12 | 28.5 | 735 | 2.5 |
| SOOW18-60 | | 60 | 16 / 30 | 0.030 | 0.76 | 0.125 | 3.18 | 1.22 | 30.9 | 870 | 2.5 |
| SOOW16-2 | | 16 | 2 | 26 / 30 | 0.030 | 0.76 | 0.060 | 1.52 | 0.37 | 9.3 | 76 |
| SOOW16-3 | 3 | | 26 / 30 | 0.030 | 0.76 | 0.060 | 1.52 | 0.39 | 10.1 | 90 | 13 |
| SOOW16-4 | 4 | | 26 / 30 | 0.030 | 0.76 | 0.060 | 1.52 | 0.42 | 10.6 | 107 | 10 |
| SOOW16-5 | 5 | | 26 / 30 | 0.030 | 0.76 | 0.080 | 2.03 | 0.49 | 12.5 | 149 | 8 |
| SOOW16-6 | 6 | | 26 / 30 | 0.030 | 0.76 | 0.080 | 2.03 | 0.53 | 13.4 | 165 | 8 |
| SOOW16-7 | 7 | | 26 / 30 | 0.030 | 0.76 | 0.080 | 2.03 | 0.53 | 13.4 | 170 | 8 |
| SOOW16-8 | 8 | | 26 / 30 | 0.030 | 0.76 | 0.080 | 2.03 | 0.56 | 14.3 | 193 | 7 |
| SOOW16-9 | 9 | | 26 / 30 | 0.030 | 0.76 | 0.095 | 2.41 | 0.65 | 16.5 | 238 | 7 |
| SOOW16-10 | 10 | | 26 / 30 | 0.030 | 0.76 | 0.095 | 2.41 | 0.68 | 17.2 | 251 | 7 |
| SOOW16-12 | 12 | | 26 / 30 | 0.030 | 0.76 | 0.095 | 2.41 | 0.70 | 17.7 | 282 | 5 |

SOOW

| Part number | Size | Noof conductor | Conductor strand | | Nominal insulation thickness | | Nominal jacket thickness | | Nominal overall diameter | | Weight | Ampacity at 30°C in air |
|-------------|------|----------------|------------------|------|------------------------------|-------|--------------------------|-------|--------------------------|------|------------|-------------------------|
| | AWG | N | N/AWG | | Inches | mm | Inches | mm | Inches | mm | lbs/1000ft | A |
| SOOW16-14 | 16 | 14 | 26 | / 30 | 0.030 | 0.76 | 0.095 | 2.41 | 0.73 | 18.5 | 316 | 5 |
| SOOW16-16 | | 16 | 26 | / 30 | 0.030 | 0.76 | 0.095 | 2.41 | 0.76 | 19.4 | 354 | 5 |
| SOOW16-18 | | 18 | 26 | / 30 | 0.030 | 0.76 | 0.095 | 2.41 | 0.80 | 20.3 | 393 | 5 |
| SOOW16-20 | | 20 | 26 | / 30 | 0.030 | 0.76 | 0.095 | 2.41 | 0.84 | 21.2 | 434 | 5 |
| SOOW16-22 | | 22 | 26 | / 30 | 0.030 | 0.76 | 0.095 | 2.41 | 0.92 | 23.4 | 464 | 4.5 |
| SOOW16-24 | | 24 | 26 | / 30 | 0.030 | 0.76 | 0.110 | 2.79 | 0.95 | 24.1 | 520 | 4.5 |
| SOOW16-27 | | 27 | 26 | / 30 | 0.030 | 0.76 | 0.110 | 2.79 | 0.97 | 24.6 | 566 | 4.5 |
| SOOW16-30 | | 30 | 26 | / 30 | 0.030 | 0.76 | 0.110 | 2.79 | 1.00 | 25.4 | 615 | 4.5 |
| SOOW16-36 | | 36 | 26 | / 30 | 0.030 | 0.76 | 0.110 | 2.79 | 1.07 | 27.3 | 724 | 4 |
| SOOW16-37 | | 37 | 26 | / 30 | 0.030 | 0.76 | 0.110 | 2.79 | 1.07 | 27.3 | 730 | 4 |
| SOOW16-39 | | 39 | 26 | / 30 | 0.030 | 0.76 | 0.110 | 2.79 | 1.15 | 29.1 | 795 | 4 |
| SOOW16-40 | | 40 | 26 | / 30 | 0.030 | 0.76 | 0.125 | 3.18 | 1.18 | 29.9 | 843 | 4 |
| SOOW16-44 | | 44 | 26 | / 30 | 0.030 | 0.76 | 0.125 | 3.18 | 1.23 | 31.1 | 891 | 3.5 |
| SOOW16-52 | | 52 | 26 | / 30 | 0.030 | 0.76 | 0.125 | 3.18 | 1.28 | 32.4 | 1016 | 3.5 |
| SOOW16-60 | | 60 | 26 | / 30 | 0.030 | 0.76 | 0.125 | 3.18 | 1.35 | 34.2 | 1154 | 3.5 |
| SOOW14-2 | | 14 | 2 | 41 | / 30 | 0.045 | 1.14 | 0.080 | 2.03 | 0.50 | 12.6 | 137 |
| SOOW14-3 | 3 | | 41 | / 30 | 0.045 | 1.14 | 0.080 | 2.03 | 0.52 | 13.3 | 161 | 18 |
| SOOW14-4 | 4 | | 41 | / 30 | 0.045 | 1.14 | 0.080 | 2.03 | 0.57 | 14.4 | 192 | 15 |
| SOOW14-5 | 5 | | 41 | / 30 | 0.045 | 1.14 | 0.095 | 2.41 | 0.64 | 16.4 | 251 | 12 |
| SOOW14-6 | 6 | | 41 | / 30 | 0.045 | 1.14 | 0.095 | 2.41 | 0.69 | 17.6 | 277 | 12 |
| SOOW14-7 | 7 | | 41 | / 30 | 0.045 | 1.14 | 0.095 | 2.41 | 0.69 | 17.6 | 285 | 12 |
| SOOW14-8 | 8 | | 41 | / 30 | 0.045 | 1.14 | 0.095 | 2.41 | 0.74 | 18.9 | 324 | 10.5 |
| SOOW14-9 | 9 | | 41 | / 30 | 0.045 | 1.14 | 0.095 | 2.41 | 0.86 | 21.9 | 367 | 10.5 |
| SOOW14-10 | 10 | | 41 | / 30 | 0.045 | 1.14 | 0.095 | 2.41 | 0.86 | 21.9 | 388 | 10.5 |
| SOOW14-12 | 12 | | 41 | / 30 | 0.045 | 1.14 | 0.095 | 2.41 | 0.89 | 22.5 | 441 | 7.5 |

SOOW

| Part number | Size | Noof conductor | Conductor strand | | Nominal insulation thickness | | Nominal jacket thickness | | Nominal overall diameter | | Weight | Ampacity at 30°C in air |
|-------------|------|----------------|------------------|-------|------------------------------|-------|--------------------------|-------|--------------------------|------|------------|-------------------------|
| | AWG | N | N/AWG | | Inches | mm | Inches | mm | Inches | mm | lbs/1000ft | A |
| SOOW14-14 | 14 | 14 | 41 | / 30 | 0.045 | 1.14 | 0.095 | 2.41 | 0.93 | 23.6 | 498 | 7.5 |
| SOOW14-16 | | 16 | 41 | / 30 | 0.045 | 1.14 | 0.095 | 2.41 | 0.98 | 24.8 | 563 | 7.5 |
| SOOW14-18 | | 18 | 41 | / 30 | 0.045 | 1.14 | 0.110 | 2.79 | 1.06 | 26.9 | 660 | 7.5 |
| SOOW14-20 | | 20 | 41 | / 30 | 0.045 | 1.14 | 0.110 | 2.79 | 1.11 | 28.1 | 730 | 7.5 |
| SOOW14-24 | | 24 | 41 | / 30 | 0.045 | 1.14 | 0.110 | 2.79 | 1.22 | 31.1 | 828 | 6.8 |
| SOOW14-30 | | 30 | 41 | / 30 | 0.045 | 1.14 | 0.125 | 3.18 | 1.32 | 33.6 | 1027 | 6.8 |
| SOOW14-36 | | 36 | 41 | / 30 | 0.045 | 1.14 | 0.125 | 3.18 | 1.42 | 36.2 | 1215 | 6.0 |
| SOOW14-37 | | 37 | 41 | / 30 | 0.045 | 1.14 | 0.125 | 3.18 | 1.42 | 36.2 | 1224 | 6.0 |
| SOOW14-44 | | 44 | 41 | / 30 | 0.045 | 1.14 | 0.125 | 3.18 | 1.59 | 40.4 | 1437 | 5.3 |
| SOOW14-52 | | 52 | 41 | / 30 | 0.045 | 1.14 | 0.125 | 3.18 | 1.66 | 42.2 | 1648 | 5.3 |
| SOOW14-60 | | 60 | 41 | / 30 | 0.045 | 1.14 | 0.140 | 3.56 | 1.79 | 45.5 | 1939 | 5.3 |
| SOOW12-2 | | 12 | 2 | 65 | / 30 | 0.045 | 1.14 | 0.095 | 2.41 | 0.57 | 14.4 | 184 |
| SOOW12-3 | 3 | | 65 | / 30 | 0.045 | 1.14 | 0.095 | 2.41 | 0.59 | 15.2 | 217 | 25 |
| SOOW12-4 | 4 | | 65 | / 30 | 0.045 | 1.14 | 0.095 | 2.41 | 0.64 | 16.5 | 261 | 20 |
| SOOW12-5 | 5 | | 65 | / 30 | 0.045 | 1.14 | 0.095 | 2.41 | 0.70 | 17.8 | 319 | 16 |
| SOOW12-6 | 6 | | 65 | / 30 | 0.045 | 1.14 | 0.095 | 2.41 | 0.74 | 18.8 | 344 | 16 |
| SOOW12-7 | 7 | | 65 | / 30 | 0.045 | 1.14 | 0.095 | 2.41 | 0.74 | 18.8 | 358 | 16 |
| SOOW12-8 | 8 | | 65 | / 30 | 0.045 | 1.14 | 0.095 | 2.41 | 0.80 | 20.2 | 408 | 14 |
| SOOW12-9 | 9 | | 65 | / 30 | 0.045 | 1.14 | 0.095 | 2.41 | 0.92 | 23.5 | 461 | 14 |
| SOOW12-10 | 10 | | 65 | / 30 | 0.045 | 1.14 | 0.110 | 2.79 | 0.95 | 24.2 | 519 | 14 |
| SOOW12-12 | 12 | | 65 | / 30 | 0.045 | 1.14 | 0.110 | 2.79 | 0.98 | 24.9 | 591 | 10 |
| SOOW12-14 | 14 | | 65 | / 30 | 0.045 | 1.14 | 0.110 | 2.79 | 1.03 | 26.1 | 668 | 10 |
| SOOW12-16 | 16 | | 65 | / 30 | 0.045 | 1.14 | 0.110 | 2.79 | 1.08 | 27.5 | 755 | 10 |
| SOOW12-18 | 18 | 65 | / 30 | 0.045 | 1.14 | 0.125 | 3.18 | 1.17 | 29.6 | 878 | 10 | |
| SOOW12-20 | 20 | 65 | / 30 | 0.045 | 1.14 | 0.125 | 3.18 | 1.22 | 31.0 | 971 | 10 | |

SOOW

| Part number | Size | Noof conductor | Conductor strand | | Nominal insulation thickness | | Nominal jacket thickness | | Nominal overall diameter | | Weight | Ampacity at 30°C in air |
|-------------|------|----------------|------------------|------|------------------------------|-------|--------------------------|-------|--------------------------|------|------------|-------------------------|
| | AWG | N | N/AWG | | Inches | mm | Inches | mm | Inches | mm | lbs/1000ft | A |
| SOOW12-24 | 12 | 24 | 65 | / 30 | 0.045 | 1.14 | 0.125 | 3.18 | 1.35 | 34.3 | 1106 | 9 |
| SOOW12-26 | | 26 | 65 | / 30 | 0.045 | 1.14 | 0.125 | 3.18 | 1.38 | 35.0 | 1180 | 9 |
| SOOW12-30 | | 30 | 65 | / 30 | 0.045 | 1.14 | 0.125 | 3.18 | 1.43 | 36.3 | 1327 | 9 |
| SOOW12-36 | | 36 | 65 | / 30 | 0.045 | 1.14 | 0.125 | 3.18 | 1.53 | 39.0 | 1573 | 8 |
| SOOW12-37 | | 37 | 65 | / 30 | 0.045 | 1.14 | 0.125 | 3.18 | 1.53 | 39.0 | 1588 | 8 |
| SOOW12-44 | | 44 | 65 | / 30 | 0.045 | 1.14 | 0.125 | 3.18 | 1.72 | 43.6 | 1868 | 7 |
| SOOW12-60 | | 60 | 65 | / 30 | 0.045 | 1.14 | 0.140 | 3.56 | 1.90 | 48.3 | 2467 | 7 |
| SOOW10-2 | | 10 | 2 | 103 | / 30 | 0.045 | 1.14 | 0.095 | 2.41 | 0.62 | 15.6 | 230 |
| SOOW10-3 | 3 | | 103 | / 30 | 0.045 | 1.14 | 0.095 | 2.41 | 0.65 | 16.5 | 281 | 30 |
| SOOW10-4 | 4 | | 103 | / 30 | 0.045 | 1.14 | 0.095 | 2.41 | 0.70 | 17.8 | 336 | 25 |
| SOOW10-5 | 5 | | 103 | / 30 | 0.045 | 1.14 | 0.095 | 2.41 | 0.76 | 19.3 | 409 | 20 |
| SOOW10-6 | 6 | | 103 | / 30 | 0.045 | 1.14 | 0.095 | 2.41 | 0.82 | 20.7 | 452 | 20 |
| SOOW10-7 | 7 | | 103 | / 30 | 0.045 | 1.14 | 0.095 | 2.41 | 0.82 | 20.7 | 474 | 20 |
| SOOW10-8 | 8 | | 103 | / 30 | 0.045 | 1.14 | 0.095 | 2.41 | 0.88 | 22.3 | 541 | 17.5 |
| SOOW10-10 | 10 | | 103 | / 30 | 0.045 | 1.14 | 0.110 | 2.79 | 1.05 | 26.8 | 686 | 17.5 |
| SOOW10-12 | 12 | | 103 | / 30 | 0.045 | 1.14 | 0.110 | 2.79 | 1.09 | 27.6 | 788 | 12.5 |
| SOOW10-16 | 16 | | 103 | / 30 | 0.045 | 1.14 | 0.125 | 3.18 | 1.23 | 31.2 | 1053 | 12.5 |
| SOOW10-20 | 20 | | 103 | / 30 | 0.045 | 1.14 | 0.125 | 3.18 | 1.35 | 34.4 | 1304 | 12.5 |
| SOOW10-24 | 24 | | 103 | / 30 | 0.045 | 1.14 | 0.125 | 3.18 | 1.50 | 38.2 | 1494 | 11.3 |
| SOOW10-26 | 26 | | 103 | / 30 | 0.045 | 1.14 | 0.125 | 3.18 | 1.54 | 39.0 | 1598 | 11.3 |
| SOOW10-30 | 30 | | 103 | / 30 | 0.045 | 1.14 | 0.125 | 3.18 | 1.59 | 40.4 | 1803 | 11.3 |
| SOOW10-34 | 34 | | 103 | / 30 | 0.045 | 1.14 | 0.140 | 3.56 | 1.74 | 44.3 | 2105 | 10 |
| SOOW10-36 | 36 | | 103 | / 30 | 0.045 | 1.14 | 0.140 | 3.56 | 1.74 | 44.3 | 2201 | 10 |
| SOOW10-40 | 40 | | 103 | / 30 | 0.045 | 1.14 | 0.140 | 3.56 | 1.87 | 47.4 | 2464 | 10 |
| SOOW8-2 | 8 | | 2 | 67 | / 0.0156 | 0.060 | 1.52 | 0.110 | 2.79 | 0.78 | 19.8 | 367 |

SOOW

| Part number | Size | Noof conductor | Conductor strand | Nominal insulation thickness | | Nominal jacket thickness | | Nominal overall diameter | | Weight lbs/1000ft | Ampacity at30°C in air A | |
|-------------|------|----------------|------------------|------------------------------|-------|--------------------------|-------|--------------------------|-------|----------------------|-----------------------------------|----|
| | | | | Inches | mm | Inches | mm | Inches | mm | | | |
| | AWG | N | N/AWG | | | | | | | | | |
| SOOW8-3 | 8 | 3 | 67 / | 0.0156 | 0.060 | 1.52 | 0.110 | 2.79 | 0.83 | 21.1 | 452 | 40 |
| SOOW8-4 | | 4 | 67 / | 0.0156 | 0.060 | 1.52 | 0.125 | 3.18 | 0.93 | 23.5 | 577 | 35 |
| SOOW8-5 | | 5 | 67 / | 0.0156 | 0.060 | 1.52 | 0.125 | 3.18 | 1.00 | 25.4 | 683 | 28 |
| SOOW8-6 | | 6 | 67 / | 0.0156 | 0.060 | 1.52 | 0.140 | 3.56 | 1.106 | 28.1 | 804 | 28 |
| SOOW6-2 | 6 | 2 | 184 / | 0.0117 | 0.060 | 1.52 | 0.125 | 3.18 | 0.92 | 23.4 | 525 | 55 |
| SOOW6-3 | | 3 | 184 / | 0.0117 | 0.060 | 1.52 | 0.125 | 3.18 | 0.97 | 24.6 | 641 | 55 |
| SOOW6-4 | | 4 | 184 / | 0.0117 | 0.060 | 1.52 | 0.140 | 3.56 | 1.05 | 26.7 | 785 | 45 |
| SOOW6-5 | | 5 | 184 / | 0.0117 | 0.060 | 1.52 | 0.140 | 3.56 | 1.18 | 30.0 | 983 | 36 |
| SOOW4-2 | 4 | 2 | 165 / | 0.0156 | 0.060 | 1.52 | 0.140 | 3.56 | 1.06 | 26.9 | 728 | 70 |
| SOOW4-3 | | 3 | 165 / | 0.0156 | 0.060 | 1.52 | 0.140 | 3.56 | 1.13 | 28.7 | 913 | 70 |
| SOOW4-4 | | 4 | 165 / | 0.0156 | 0.060 | 1.52 | 0.155 | 3.94 | 1.25 | 31.8 | 1156 | 60 |
| SOOW4-5 | | 5 | 165 / | 0.0156 | 0.060 | 1.52 | 0.155 | 3.94 | 1.31 | 33.2 | 1318 | 48 |
| SOOW2-2 | 2 | 2 | 262 / | 0.0156 | 0.060 | 1.52 | 0.155 | 3.94 | 1.21 | 30.7 | 1000 | 95 |
| SOOW2-3 | | 3 | 262 / | 0.0156 | 0.060 | 1.52 | 0.155 | 3.94 | 1.30 | 33.1 | 1287 | 95 |
| SOOW2-4 | | 4 | 262 / | 0.0156 | 0.060 | 1.52 | 0.170 | 4.32 | 1.45 | 36.8 | 1644 | 80 |
| SOOW2-5 | | 5 | 262 / | 0.0156 | 0.060 | 1.52 | 0.170 | 4.32 | 1.53 | 38.8 | 1900 | 64 |

NOTE 1. Ampacity values shown are for current carrying conductors. A grounding conductor, or one which carries only the unbalanced current from other conductors, is not counted in determining current carrying capacity

NOTE 2. Correction factor for ambient temperature of 40°C is 0.91

Standard Print Legend

Up to 4 cores all cross sections and 5 cores 8AWG-2AWG

TF CABLE SUPER FLEXTREME (COND) (SIZE) (mm2) (UL) TYPE
SOOW E123366 105°C SUN&WATER RES 600V FT2 CSA TYPE
SOOW (COND) (SIZE) (mm2) 105°C LL 103932 600V FT2 -50°C

From 5 cores and 18AWG-10AWG

TF CABLE SUPER CONTROLFLEX (COND) (SIZE) (mm2) (UL) TYPE
SOOW E123366 105°C SUN&WATER RES 600V FT2 CSA TYPE
SOOW (COND) (SIZE) (mm2) 105°C LL 103932 600V FT2 -50°C

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