# SIMpull® RWU90 Copper 1000 Volt

Single Copper Conductors, XLPE Insulation, 1000V / -40ºC MIN, 90ºC MAX, Sunlight Resistant. SIMpull® technology on sizes #8 and larger. Cable can be installed in conduit without the aid of lubrication. For Direct Burial

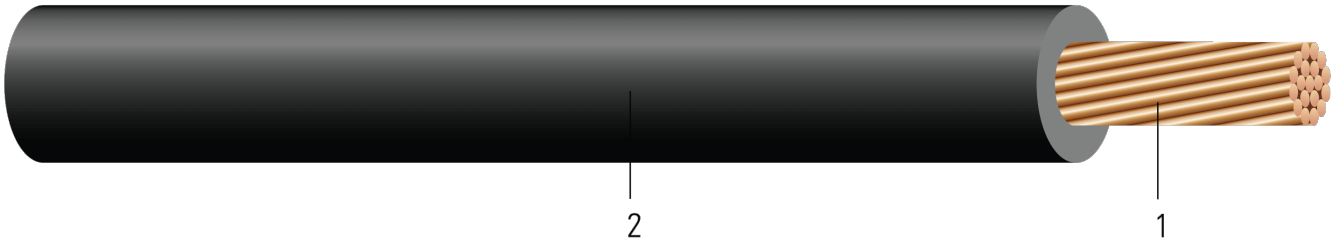



Image not to scale. See Table 1 for dimensions.

## CONSTRUCTION:

1. **Conductor:** Class B compressed stranded bare copper per ASTM B3 and ASTM B8
2. **Insulation:** Cross Linked Polyethylene (XLPE)

## APPLICATIONS AND FEATURES:

Southwire's RWU90 is designed for direct earth burial (with protection as required by the inspecting authority). For service entrance above or below ground. The minimum recommended installation temperature is minus 40°C (with suitable handling procedures). Maximum conductor temperature is 90°C. Note: Standard black is sunlight resistant and marked "SR". Standard coloured insulation is not sunlight resistant. SIMpull® technology on sizes #8 and larger. Cable can be installed in conduit without the aid of lubrication.

## SPECIFICATIONS:

- ASTM B3 Soft or Annealed Copper Wire
- ASTM B8 Concentric-Lay-Stranded Copper Conductors
- CSA C22.2 No. 38 Thermoset-insulated wires and cables
- CSA SUN RES - for Sunlight Resistant rating
- CSA AWM I A/B FT1

## SAMPLE PRINT LEGEND:

SOUTHWIRE{R} XX AWG {NOLUBE}{R} {SIMPULL} RWU90{TM} LL90458 {CSA} (33.6{MM2}) CU RWU90 XLPE 1000 VOLTS -40{D}C SR - PAT www.patentSW.com - RWU90 XXX AWG


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## Table 1 – Weights and Measurements

| Stock Number | Cond. Size | Strand | Insul. Thickness | Insulation Color | Approx. OD | Approx. Weight | Min Bending Radius | Max Pull Tension | DC Resistance @ 25°C | AC Resistance @ 75°C | Inductive Reactance @ 60Hz | Allowable Ampacity In Raceway 90°C† |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | AWG/ Kcmil | No. | mil | | inch | lb/1000ft | inch | lb | Ω/1000ft | Ω/1000ft | Ω/1000ft | Amp |
| 563253 | 14 | 7 | 60 | WE | 0.19 | 24 | 0.8 | 32 | 2.631 | 3.265 | 0.058 | 25 |
| 647607 | 14 | 7 | 60 | BE | 0.193 | 24 | 0.8 | 32 | 2.631 | 3.265 | 0.058 | 25 |
| 578364 | 14 | 7 | 60 | GN | 0.196 | 25 | 0.8 | 32 | 2.631 | 3.265 | 0.058 | 25 |
| 646740 | 14 | 7 | 60 | RD | 0.197 | 25 | 0.8 | 32 | 2.631 | 3.265 | 0.058 | 25 |
| 556978◊ | 14 | 7 | 60 | BK | 0.197 | 25 | 0.8 | 32 | 2.631 | 3.265 | 0.058 | 25 |
| 566577 | 14 | 7 | 60 | YW | 0.197 | 25 | 0.8 | 32 | 2.631 | 3.265 | 0.058 | 25 |
| 556601 | 12 | 7 | 60 | OE | 0.212 | 32 | 0.8 | 52 | 1.662 | 2.063 | 0.054 | 30 |
| 556604 | 12 | 7 | 60 | PE | 0.212 | 32 | 0.8 | 52 | 1.662 | 2.063 | 0.054 | 30 |
| 556603 | 12 | 7 | 60 | GY | 0.212 | 32 | 0.8 | 52 | 1.662 | 2.063 | 0.054 | 30 |
| 556602 | 12 | 7 | 60 | BN | 0.212 | 32 | 0.8 | 52 | 1.662 | 2.063 | 0.054 | 30 |
| 556980 | 12 | 7 | 60 | GN | 0.215 | 34 | 0.9 | 52 | 1.662 | 2.063 | 0.054 | 30 |
| 556981 | 12 | 7 | 60 | RD | 0.215 | 34 | 0.9 | 52 | 1.662 | 2.063 | 0.054 | 30 |
| 556982 | 12 | 7 | 60 | WE | 0.215 | 34 | 0.9 | 52 | 1.662 | 2.063 | 0.054 | 30 |
| 556600 | 12 | 7 | 60 | BE | 0.215 | 34 | 0.9 | 52 | 1.662 | 2.063 | 0.054 | 30 |
| 556979 | 12 | 7 | 60 | BK | 0.215 | 34 | 0.9 | 52 | 1.662 | 2.063 | 0.054 | 30 |
| 557932 | 10 | SOLID | 60 | WE | 0.228 | 46 | 0.9 | 83 | 1.04 | 1.291 | 0.05 | 40 |
| 579338 | 10 | 7 | 60 | YW | 0.231 | 46 | 0.9 | 83 | 1.04 | 1.291 | 0.05 | 40 |
| 556983 | 10 | 7 | 60 | BK | 0.239 | 48 | 1 | 83 | 1.04 | 1.291 | 0.05 | 40 |
| 556984 | 10 | 7 | 60 | WE | 0.239 | 48 | 1 | 83 | 1.04 | 1.291 | 0.05 | 40 |
| 556986 | 10 | 7 | 60 | RD | 0.239 | 48 | 1 | 83 | 1.04 | 1.291 | 0.05 | 40 |
| 556598 | 10 | 7 | 60 | GN | 0.239 | 48 | 1 | 83 | 1.04 | 1.291 | 0.05 | 40 |
| 556987 | 10 | 7 | 60 | BE | 0.239 | 48 | 1 | 83 | 1.04 | 1.291 | 0.05 | 40 |
| 556992◊ | 8 | 7 | 80 | BE | 0.302 | 77 | 1.2 | 132 | 0.653 | 0.81 | 0.052 | 55 |
| 556990◊ | 8 | 7 | 80 | RD | 0.312 | 79 | 1.2 | 132 | 0.653 | 0.81 | 0.052 | 55 |
| 556988◊ | 8 | 7 | 80 | BK | 0.312 | 79 | 1.2 | 132 | 0.653 | 0.81 | 0.052 | 55 |
| 556991◊ | 8 | 7 | 80 | GN | 0.312 | 79 | 1.2 | 132 | 0.653 | 0.81 | 0.052 | 55 |
| 556989◊ | 8 | 7 | 80 | WE | 0.312 | 79 | 1.2 | 132 | 0.653 | 0.81 | 0.052 | 55 |
| 556997◊ | 6 | 7 | 80 | GN | 0.348 | 114 | 1.4 | 209 | 0.411 | 0.51 | 0.051 | 75 |
| 556994◊ | 6 | 7 | 80 | BK | 0.348 | 114 | 1.4 | 209 | 0.411 | 0.51 | 0.051 | 75 |
| 643550◊ | 6 | 7 | 80 | YW | 0.348 | 114 | 1.4 | 209 | 0.411 | 0.51 | 0.051 | 75 |
| 556998◊ | 6 | 7 | 80 | BE | 0.348 | 114 | 1.4 | 209 | 0.411 | 0.51 | 0.051 | 75 |
| 556996◊ | 6 | 7 | 80 | RD | 0.348 | 114 | 1.4 | 209 | 0.411 | 0.51 | 0.051 | 75 |
| 556995◊ | 6 | 7 | 80 | WE | 0.348 | 114 | 1.4 | 209 | 0.411 | 0.51 | 0.051 | 75 |
| 557003◊ | 4 | 7 | 80 | BE | 0.395 | 168 | 1.6 | 333 | 0.258 | 0.32 | 0.048 | 95 |
| 557000◊ | 4 | 7 | 80 | WE | 0.395 | 168 | 1.6 | 333 | 0.258 | 0.32 | 0.048 | 95 |
| 557001◊ | 4 | 7 | 80 | RD | 0.395 | 168 | 1.6 | 333 | 0.258 | 0.32 | 0.048 | 95 |
| 557002◊ | 4 | 7 | 80 | GN | 0.395 | 168 | 1.6 | 333 | 0.258 | 0.32 | 0.048 | 95 |
| 556999◊ | 4 | 7 | 80 | BK | 0.395 | 168 | 1.6 | 333 | 0.258 | 0.32 | 0.048 | 95 |
| 557004◊ | 3 | 7 | 80 | BK | 0.422 | 206 | 1.7 | 420 | 0.205 | 0.254 | 0.047 | 115 |


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| Stock Number | Cond. Size | Strand | Insul. Thickness | Insulation Color | Approx. OD | Approx. Weight | Min Bending Radius | Max Pull Tension | DC Resistance @ 25°C | AC Resistance @ 75°C | Inductive Reactance @ 60Hz | Allowable Ampacity In Raceway 90°C† |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | AWG/ Kcmil | No. | mil | | inch | lb/1000ft | inch | lb | Ω/1000ft | Ω/1000ft | Ω/1000ft | Amp |
| 137969◊ | 3 | 7 | 80 | GN | 0.422 | 206 | 1.7 | 420 | 0.205 | 0.254 | 0.047 | 115 |
| 641557◊ | 3 | 7 | 80 | WE | 0.422 | 206 | 1.7 | 420 | 0.205 | 0.254 | 0.047 | 115 |
| 557006◊ | 2 | 7 | 80 | WE | 0.453 | 252 | 1.8 | 530 | 0.162 | 0.201 | 0.045 | 130 |
| 556596 | 2 | 7 | 80 | BE | 0.453 | 252 | 1.8 | 530 | 0.162 | 0.201 | 0.045 | 130 |
| 571898◊ | 2 | 7 | 80 | GN | 0.453 | 252 | 1.8 | 530 | 0.162 | 0.201 | 0.045 | 130 |
| 557005◊ | 2 | 7 | 80 | BK | 0.453 | 252 | 1.8 | 530 | 0.162 | 0.201 | 0.045 | 130 |
| 557007◊ | 2 | 7 | 80 | RD | 0.453 | 252 | 1.8 | 530 | 0.162 | 0.201 | 0.045 | 130 |
| 137926◊ | 1 | 19 | 95 | BK | 0.522 | 320 | 2.1 | 669 | 0.128 | 0.159 | 0.046 | 145 |
| 664805◊ | 1/0 | 19 | 95 | GN | 0.562 | 395 | 2.2 | 844 | 0.102 | 0.127 | 0.044 | 170 |
| 669505◊ | 1/0 | 19 | 95 | WE | 0.562 | 394 | 2.2 | 844 | 0.102 | 0.127 | 0.044 | 170 |
| 666075◊ | 1/0 | 19 | 95 | RD | 0.562 | 394 | 2.2 | 844 | 0.102 | 0.127 | 0.044 | 170 |
| 590651◊ | 1/0 | 19 | 95 | BK | 0.562 | 394 | 2.2 | 844 | 0.102 | 0.127 | 0.044 | 170 |
| 666074◊ | 1/0 | 19 | 95 | BE | 1.645 | 802 | 8.2 | 844 | 0.102 | 0.127 | 0.044 | 170 |
| 668802◊ | 2/0 | 19 | 95 | BE | 0.604 | 486 | 2.4 | 1064 | 0.082 | 0.102 | 0.043 | 195 |
| 668801◊ | 2/0 | 19 | 95 | RD | 0.604 | 485 | 2.4 | 1064 | 0.082 | 0.102 | 0.043 | 195 |
| 668800◊ | 2/0 | 19 | 95 | WE | 0.604 | 485 | 2.4 | 1064 | 0.082 | 0.102 | 0.043 | 195 |
| 138905◊ | 2/0 | 19 | 95 | GN | 0.604 | 486 | 2.4 | 1064 | 0.082 | 0.102 | 0.043 | 195 |
| 590652◊ | 2/0 | 19 | 95 | BK | 0.606 | 486 | 2.4 | 1064 | 0.082 | 0.102 | 0.043 | 195 |
| 665409◊ | 3/0 | 19 | 95 | GN | 0.654 | 601 | 2.6 | 1342 | 0.064 | 0.079 | 0.042 | 225 |
| 593060◊ | 3/0 | 19 | 95 | BE | 0.654 | 601 | 2.6 | 1342 | 0.064 | 0.079 | 0.042 | 225 |
| 593058◊ | 3/0 | 19 | 95 | WE | 0.654 | 600 | 2.6 | 1342 | 0.064 | 0.079 | 0.042 | 225 |
| 590653◊ | 3/0 | 19 | 95 | BK | 0.654 | 600 | 2.6 | 1342 | 0.064 | 0.079 | 0.042 | 225 |
| 593059◊ | 3/0 | 19 | 95 | RD | 0.654 | 600 | 2.6 | 1342 | 0.064 | 0.079 | 0.042 | 225 |
| 668805◊ | 4/0 | 19 | 95 | RD | 0.698 | 739 | 2.8 | 1692 | 0.051 | 0.063 | 0.041 | 260 |
| 668806◊ | 4/0 | 19 | 95 | BE | 0.698 | 740 | 2.8 | 1692 | 0.051 | 0.063 | 0.041 | 260 |
| 590654◊ | 4/0 | 19 | 95 | BK | 0.71 | 747 | 2.8 | 1692 | 0.051 | 0.063 | 0.041 | 260 |
| 583440 | 4/0 | 19 | 95 | GN | 0.71 | 738 | 2.8 | 1692 | 0.051 | 0.063 | 0.041 | 260 |
| 678382◊ | 4/0 | 19 | 95 | WE | 0.71 | 747 | 2.8 | 1692 | 0.051 | 0.063 | 0.041 | 260 |
| 590655◊ | 250 | 37 | 110 | BK | 0.774 | 876 | 3.1 | 2000 | 0.043 | 0.053 | 0.041 | 290 |
| 590658◊ | 350 | 37 | 110 | RD | 0.873 | 1199 | 3.5 | 2800 | 0.031 | 0.039 | 0.04 | 350 |
| 590656◊ | 350 | 37 | 110 | BK | 0.873 | 1199 | 3.5 | 2800 | 0.031 | 0.039 | 0.04 | 350 |
| 590657◊ | 350 | 37 | 110 | BE | 0.873 | 1209 | 3.5 | 2800 | 0.031 | 0.039 | 0.04 | 350 |
| 590659◊ | 350 | 37 | 110 | WE | 0.893 | 1211 | 3.6 | 2800 | 0.031 | 0.039 | 0.04 | 350 |
| 590662◊ | 500 | 37 | 110 | RD | 0.998 | 1680 | 4 | 4000 | 0.021 | 0.027 | 0.039 | 430 |
| 590661◊ | 500 | 37 | 110 | BE | 0.998 | 1681 | 4 | 4000 | 0.021 | 0.027 | 0.039 | 430 |
| 590663◊ | 500 | 37 | 110 | WE | 0.998 | 1681 | 4 | 4000 | 0.021 | 0.027 | 0.039 | 430 |
| 590660◊ | 500 | 37 | 110 | BK | 0.998 | 1680 | 4 | 4000 | 0.021 | 0.027 | 0.039 | 430 |
| 592347◊ | 600 | 61 | 125 | BK | 1.104 | 2018 | 5.5 | 4800 | 0.018 | 0.024 | 0.039 | 475 |
| 592350 | 600 | 61 | 125 | BE | 1.104 | 2019 | 5.5 | 4800 | 0.018 | 0.024 | 0.039 | 475 |
| 592348 | 600 | 61 | 125 | RD | 1.104 | 2018 | 5.5 | 4800 | 0.018 | 0.024 | 0.039 | 475 |
| 592349 | 600 | 61 | 125 | WE | 1.104 | 2018 | 5.5 | 4800 | 0.018 | 0.024 | 0.039 | 475 |


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| Stock Number | Cond. Size | Strand | Insul. Thickness | Insulation Color | Approx. OD | Approx. Weight | Min Bending Radius | Max Pull Tension | DC Resistance @ 25°C | AC Resistance @ 75°C | Inductive Reactance @ 60Hz | Allowable Ampacity In Raceway 90°C† |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | AWG/ Kcmil | No. | mil | | inch | lb/1000ft | inch | lb | Ω/1000ft | Ω/1000ft | Ω/1000ft | Amp |
| 590664◊ | 750 | 61 | 125 | BK | 1.203 | 2496 | 6 | 6000 | 0.014 | 0.019 | 0.038 | 535 |
| 671492◊ | 1000 | 61 | 125 | BK | 1.381 | 3320 | 6.9 | 8000 | 0.011 | 0.016 | 0.037 | 615 |

All dimensions are nominal and subject to normal manufacturing tolerances
◊ Cable marked with this symbol is a standard stock item
* Ampacities derived from the 2021 Canadian Electrical Code Table 1 for not more than three insulated copper conductors, rated not more than 5000 V and unshielded, in raceway or cable (based on an ambient temperature of 30 °C)
TBA stock codes are estimations only and actual product may vary. Please wait until a stock code is assigned to purchase connectors and/or fittings.


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## Table 2 – Weights and Measurements (Metric)

| Stock Number | Cond. Size | Strand | Insul. Thickness | Insulation Color | Approx. OD | Approx. Weight | Min Bending Radius | Max Pull Tension | DC Resistance @ 25°C | AC Resistance @ 75°C | Inductive Reactance @ 60Hz | Allowable Ampacity In Raceway 90°C |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | AWG/ Kcmil | No. | mm | | mm | kg/km | mm | newton | Ω/km | Ω/km | Ω/km | Amp |
| 563253 | 14 | 7 | 1.52 | WE | 4.83 | 36 | 20.32 | 142 | 8.63 | 10.71 | 0.1903 | 25 |
| 647607 | 14 | 7 | 1.52 | BE | 4.90 | 36 | 20.32 | 142 | 8.63 | 10.71 | 0.1903 | 25 |
| 578364 | 14 | 7 | 1.52 | GN | 4.98 | 37 | 20.32 | 142 | 8.63 | 10.71 | 0.1903 | 25 |
| 646740 | 14 | 7 | 1.52 | RD | 5.00 | 37 | 20.32 | 142 | 8.63 | 10.71 | 0.1903 | 25 |
| 556978◊ | 14 | 7 | 1.52 | BK | 5.00 | 37 | 20.32 | 142 | 8.63 | 10.71 | 0.1903 | 25 |
| 566577 | 14 | 7 | 1.52 | YW | 5.00 | 37 | 20.32 | 142 | 8.63 | 10.71 | 0.1903 | 25 |
| 556601 | 12 | 7 | 1.52 | OE | 5.38 | 48 | 20.32 | 231 | 5.45 | 6.77 | 0.1772 | 30 |
| 556604 | 12 | 7 | 1.52 | PE | 5.38 | 48 | 20.32 | 231 | 5.45 | 6.77 | 0.1772 | 30 |
| 556603 | 12 | 7 | 1.52 | GY | 5.38 | 48 | 20.32 | 231 | 5.45 | 6.77 | 0.1772 | 30 |
| 556602 | 12 | 7 | 1.52 | BN | 5.38 | 48 | 20.32 | 231 | 5.45 | 6.77 | 0.1772 | 30 |
| 556980 | 12 | 7 | 1.52 | GN | 5.46 | 51 | 22.86 | 231 | 5.45 | 6.77 | 0.1772 | 30 |
| 556981 | 12 | 7 | 1.52 | RD | 5.46 | 51 | 22.86 | 231 | 5.45 | 6.77 | 0.1772 | 30 |
| 556982 | 12 | 7 | 1.52 | WE | 5.46 | 51 | 22.86 | 231 | 5.45 | 6.77 | 0.1772 | 30 |
| 556600 | 12 | 7 | 1.52 | BE | 5.46 | 51 | 22.86 | 231 | 5.45 | 6.77 | 0.1772 | 30 |
| 556979 | 12 | 7 | 1.52 | BK | 5.46 | 51 | 22.86 | 231 | 5.45 | 6.77 | 0.1772 | 30 |
| 557932 | 10 | SOLID | 1.52 | WE | 5.79 | 68 | 22.86 | 369 | 3.41 | 4.24 | 0.1640 | 40 |
| 579338 | 10 | 7 | 1.52 | YW | 5.87 | 68 | 22.86 | 369 | 3.41 | 4.24 | 0.1640 | 40 |
| 556983 | 10 | 7 | 1.52 | BK | 6.07 | 71 | 25.40 | 369 | 3.41 | 4.24 | 0.1640 | 40 |
| 556984 | 10 | 7 | 1.52 | WE | 6.07 | 71 | 25.40 | 369 | 3.41 | 4.24 | 0.1640 | 40 |
| 556986 | 10 | 7 | 1.52 | RD | 6.07 | 71 | 25.40 | 369 | 3.41 | 4.24 | 0.1640 | 40 |
| 556598 | 10 | 7 | 1.52 | GN | 6.07 | 71 | 25.40 | 369 | 3.41 | 4.24 | 0.1640 | 40 |
| 556987 | 10 | 7 | 1.52 | BE | 6.07 | 71 | 25.40 | 369 | 3.41 | 4.24 | 0.1640 | 40 |
| 556992◊ | 8 | 7 | 2.03 | BE | 7.67 | 115 | 30.48 | 587 | 2.14 | 2.66 | 0.1706 | 55 |
| 556990◊ | 8 | 7 | 2.03 | RD | 7.92 | 118 | 30.48 | 587 | 2.14 | 2.66 | 0.1706 | 55 |
| 556988◊ | 8 | 7 | 2.03 | BK | 7.92 | 118 | 30.48 | 587 | 2.14 | 2.66 | 0.1706 | 55 |
| 556991◊ | 8 | 7 | 2.03 | GN | 7.92 | 118 | 30.48 | 587 | 2.14 | 2.66 | 0.1706 | 55 |
| 556989◊ | 8 | 7 | 2.03 | WE | 7.92 | 118 | 30.48 | 587 | 2.14 | 2.66 | 0.1706 | 55 |
| 556997◊ | 6 | 7 | 2.03 | GN | 8.84 | 170 | 35.56 | 930 | 1.35 | 1.67 | 0.1673 | 75 |
| 556994◊ | 6 | 7 | 2.03 | BK | 8.84 | 170 | 35.56 | 930 | 1.35 | 1.67 | 0.1673 | 75 |
| 643550◊ | 6 | 7 | 2.03 | YW | 8.84 | 170 | 35.56 | 930 | 1.35 | 1.67 | 0.1673 | 75 |
| 556998◊ | 6 | 7 | 2.03 | BE | 8.84 | 170 | 35.56 | 930 | 1.35 | 1.67 | 0.1673 | 75 |
| 556996◊ | 6 | 7 | 2.03 | RD | 8.84 | 170 | 35.56 | 930 | 1.35 | 1.67 | 0.1673 | 75 |
| 556995◊ | 6 | 7 | 2.03 | WE | 8.84 | 170 | 35.56 | 930 | 1.35 | 1.67 | 0.1673 | 75 |
| 557003◊ | 4 | 7 | 2.03 | BE | 10.03 | 250 | 40.64 | 1482 | 0.85 | 1.05 | 0.1575 | 95 |
| 557000◊ | 4 | 7 | 2.03 | WE | 10.03 | 250 | 40.64 | 1482 | 0.85 | 1.05 | 0.1575 | 95 |
| 557001◊ | 4 | 7 | 2.03 | RD | 10.03 | 250 | 40.64 | 1482 | 0.85 | 1.05 | 0.1575 | 95 |
| 557002◊ | 4 | 7 | 2.03 | GN | 10.03 | 250 | 40.64 | 1482 | 0.85 | 1.05 | 0.1575 | 95 |
| 556999◊ | 4 | 7 | 2.03 | BK | 10.03 | 250 | 40.64 | 1482 | 0.85 | 1.05 | 0.1575 | 95 |
| 557004◊ | 3 | 7 | 2.03 | BK | 10.72 | 307 | 43.18 | 1869 | 0.67 | 0.83 | 0.1542 | 115 |


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| Stock Number | Cond. Size | Strand | Insul. Thickness | Insulation Color | Approx. OD | Approx. Weight | Min Bending Radius | Max Pull Tension | DC Resistance @ 25°C | AC Resistance @ 75°C | Inductive Reactance @ 60Hz | Allowable Ampacity In Raceway 90°C |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | AWG/ Kcmil | No. | mm | | mm | kg/km | mm | newton | Ω/km | Ω/km | Ω/km | Amp |
| 137969◊ | 3 | 7 | 2.03 | GN | 10.72 | 307 | 43.18 | 1869 | 0.67 | 0.83 | 0.1542 | 115 |
| 641557◊ | 3 | 7 | 2.03 | WE | 10.72 | 307 | 43.18 | 1869 | 0.67 | 0.83 | 0.1542 | 115 |
| 557006◊ | 2 | 7 | 2.03 | WE | 11.51 | 375 | 45.72 | 2359 | 0.53 | 0.66 | 0.1476 | 130 |
| 556596 | 2 | 7 | 2.03 | BE | 11.51 | 375 | 45.72 | 2359 | 0.53 | 0.66 | 0.1476 | 130 |
| 571898◊ | 2 | 7 | 2.03 | GN | 11.51 | 375 | 45.72 | 2359 | 0.53 | 0.66 | 0.1476 | 130 |
| 557005◊ | 2 | 7 | 2.03 | BK | 11.51 | 375 | 45.72 | 2359 | 0.53 | 0.66 | 0.1476 | 130 |
| 557007◊ | 2 | 7 | 2.03 | RD | 11.51 | 375 | 45.72 | 2359 | 0.53 | 0.66 | 0.1476 | 130 |
| 137926◊ | 1 | 19 | 2.41 | BK | 13.26 | 476 | 53.34 | 2977 | 0.42 | 0.52 | 0.1509 | 145 |
| 664805◊ | 1/0 | 19 | 2.41 | GN | 14.27 | 588 | 55.88 | 3756 | 0.33 | 0.42 | 0.1444 | 170 |
| 669505◊ | 1/0 | 19 | 2.41 | WE | 14.27 | 586 | 55.88 | 3756 | 0.33 | 0.42 | 0.1444 | 170 |
| 666075◊ | 1/0 | 19 | 2.41 | RD | 14.27 | 586 | 55.88 | 3756 | 0.33 | 0.42 | 0.1444 | 170 |
| 590651◊ | 1/0 | 19 | 2.41 | BK | 14.27 | 586 | 55.88 | 3756 | 0.33 | 0.42 | 0.1444 | 170 |
| 666074◊ | 1/0 | 19 | 2.41 | BE | 41.78 | 1194 | 208.28 | 3756 | 0.33 | 0.42 | 0.1444 | 170 |
| 668802◊ | 2/0 | 19 | 2.41 | BE | 15.34 | 723 | 60.96 | 4735 | 0.27 | 0.33 | 0.1411 | 195 |
| 668801◊ | 2/0 | 19 | 2.41 | RD | 15.34 | 722 | 60.96 | 4735 | 0.27 | 0.33 | 0.1411 | 195 |
| 668800◊ | 2/0 | 19 | 2.41 | WE | 15.34 | 722 | 60.96 | 4735 | 0.27 | 0.33 | 0.1411 | 195 |
| 138905◊ | 2/0 | 19 | 2.41 | GN | 15.34 | 723 | 60.96 | 4735 | 0.27 | 0.33 | 0.1411 | 195 |
| 590652◊ | 2/0 | 19 | 2.41 | BK | 15.39 | 723 | 60.96 | 4735 | 0.27 | 0.33 | 0.1411 | 195 |
| 665409◊ | 3/0 | 19 | 2.41 | GN | 16.61 | 894 | 66.04 | 5972 | 0.21 | 0.26 | 0.1378 | 225 |
| 593060◊ | 3/0 | 19 | 2.41 | BE | 16.61 | 894 | 66.04 | 5972 | 0.21 | 0.26 | 0.1378 | 225 |
| 593058◊ | 3/0 | 19 | 2.41 | WE | 16.61 | 893 | 66.04 | 5972 | 0.21 | 0.26 | 0.1378 | 225 |
| 590653◊ | 3/0 | 19 | 2.41 | BK | 16.61 | 893 | 66.04 | 5972 | 0.21 | 0.26 | 0.1378 | 225 |
| 593059◊ | 3/0 | 19 | 2.41 | RD | 16.61 | 893 | 66.04 | 5972 | 0.21 | 0.26 | 0.1378 | 225 |
| 668805◊ | 4/0 | 19 | 2.41 | RD | 17.73 | 1100 | 71.12 | 7529 | 0.17 | 0.21 | 0.1345 | 260 |
| 668806◊ | 4/0 | 19 | 2.41 | BE | 17.73 | 1101 | 71.12 | 7529 | 0.17 | 0.21 | 0.1345 | 260 |
| 590654◊ | 4/0 | 19 | 2.41 | BK | 18.03 | 1112 | 71.12 | 7529 | 0.17 | 0.21 | 0.1345 | 260 |
| 583440 | 4/0 | 19 | 2.41 | GN | 18.03 | 1098 | 71.12 | 7529 | 0.17 | 0.21 | 0.1345 | 260 |
| 678382◊ | 4/0 | 19 | 2.41 | WE | 18.03 | 1112 | 71.12 | 7529 | 0.17 | 0.21 | 0.1345 | 260 |
| 590655◊ | 250 | 37 | 2.79 | BK | 19.66 | 1304 | 78.74 | 8900 | 0.14 | 0.17 | 0.1345 | 290 |
| 590658◊ | 350 | 37 | 2.79 | RD | 22.17 | 1784 | 88.90 | 12460 | 0.10 | 0.13 | 0.1312 | 350 |
| 590656◊ | 350 | 37 | 2.79 | BK | 22.17 | 1784 | 88.90 | 12460 | 0.10 | 0.13 | 0.1312 | 350 |
| 590657◊ | 350 | 37 | 2.79 | BE | 22.17 | 1799 | 88.90 | 12460 | 0.10 | 0.13 | 0.1312 | 350 |
| 590659◊ | 350 | 37 | 2.79 | WE | 22.68 | 1802 | 91.44 | 12460 | 0.10 | 0.13 | 0.1312 | 350 |
| 590662◊ | 500 | 37 | 2.79 | RD | 25.35 | 2500 | 101.60 | 17800 | 0.07 | 0.09 | 0.1280 | 430 |
| 590661◊ | 500 | 37 | 2.79 | BE | 25.35 | 2502 | 101.60 | 17800 | 0.07 | 0.09 | 0.1280 | 430 |
| 590663◊ | 500 | 37 | 2.79 | WE | 25.35 | 2502 | 101.60 | 17800 | 0.07 | 0.09 | 0.1280 | 430 |
| 590660◊ | 500 | 37 | 2.79 | BK | 25.35 | 2500 | 101.60 | 17800 | 0.07 | 0.09 | 0.1280 | 430 |
| 592347◊ | 600 | 61 | 3.18 | BK | 28.04 | 3003 | 139.70 | 21360 | 0.06 | 0.08 | 0.1280 | 475 |
| 592350 | 600 | 61 | 3.18 | BE | 28.04 | 3005 | 139.70 | 21360 | 0.06 | 0.08 | 0.1280 | 475 |
| 592348 | 600 | 61 | 3.18 | RD | 28.04 | 3003 | 139.70 | 21360 | 0.06 | 0.08 | 0.1280 | 475 |
| 592349 | 600 | 61 | 3.18 | WE | 28.04 | 3003 | 139.70 | 21360 | 0.06 | 0.08 | 0.1280 | 475 |


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| Stock Number | Cond. Size | Strand | Insul. Thickness | Insulation Color | Approx. OD | Approx. Weight | Min Bending Radius | Max Pull Tension | DC Resistance @ 25°C | AC Resistance @ 75°C | Inductive Reactance @ 60Hz | Allowable Ampacity In Raceway 90°C |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | AWG/ Kcmil | No. | mm | | mm | kg/km | mm | newton | Ω/km | Ω/km | Ω/km | Amp |
| 590664◊ | 750 | 61 | 3.18 | BK | 30.56 | 3714 | 152.40 | 26700 | 0.05 | 0.06 | 0.1247 | 535 |
| 671492◊ | 1000 | 61 | 3.18 | BK | 35.08 | 4941 | 175.26 | 35600 | 0.04 | 0.05 | 0.1214 | 615 |

All dimensions are nominal and subject to normal manufacturing tolerances
◊ Cable marked with this symbol is a standard stock item
* Ampacities derived from the 2021 Canadian Electrical Code Table 1 for not more than three insulated copper conductors, rated not more than 5000 V and unshielded, in raceway or cable (based on an ambient temperature of 30 °C)
TBA stock codes are estimations only and actual product may vary. Please wait until a stock code is assigned to purchase connectors and/or fittings.

## Table 3 – Colors

| Cond. Size | Stranding | Color | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| AWG or kcmil | num | Black | Green | White | Red | Blue | Yellow | Orange | Purple | Brown | Gray |
| 14 | 7 | 556978 | 578364 | 563253 | 646740 | 647607 | 566577 | | | | |
| 12 | 7 | 556979 | 556980 | 556982 | 556981 | 556600 | | 556601 | 556604 | 556602 | 556603 |
| 10 | 1 (solid) | | | 557932 | | | | | | | |
| 10 | 7 | 556983 | 556598 | 556984 | 556986 | 556987 | 579338 | | | | |
| 8 | 7 | 556991 | 556991 | 556989 | 556990 | 556992 | | | | | |
| 6 | 7 | 556994 | 556997 | 556995 | 556996 | 556998 | 643550 | | | | |
| 4 | 7 | 556999 | 557002 | 557000 | 557001 | 557003 | | | | | |
| 3 | 7 | 557004 | 137969 | 641557 | | | | | | | |
| 2 | 7 | 557005 | 571898 | 557006 | 557007 | 556596 | | | | | |
| 1 | 19 | 137926 | | | | | | | | | |
| 1/0 | 19 | 590651 | 664805 | 669505 | 666075 | 666074 | | | | | |
| 2/0 | 19 | 590652 | 138905 | 668800 | 668801 | 668802 | | | | | |
| 3/0 | 19 | 590653 | | 593058 | 593059 | 593060 | | | | | |
| 4/0 | 19 | 590654 | 583440 | 678382 | 668805 | 668806 | | | | | |
| 250 | 37 | 590655 | | | | | | | | | |
| 350 | 37 | 590656 | | 590659 | 590658 | 590657 | | | | | |
| 500 | 37 | 590660 | | 590663 | 590662 | 590661 | | | | | |
| 600 | 61 | 592347 | | 592349 | 592348 | 592350 | | | | | |
| 750 | 61 | 590664 | | | | | | | | | |
| 1000 | 61 | 671492 | | | | | | | | | |


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