



TelcoFlex® TELECOM POWER

THE EXPERIENCED AND TRUSTED CHOICE.

Southwire Company, LLC's telecom power products are among the premier LSZH central office DC & AC power cables in the industry. Our TelcoFlex® cables power all levels of telecom equipment and battery backup systems used in the central office, CATV head-end, data center, and cell tower equipment shelter environments.



Why Southwire for Telecom Power?

Telcordia Technologies Approval: TelcoFlex® products have surpassed all 33 Telcordia Technologies test requirements.

TelcoHyde® Insulation: TelcoFlex® products feature TelcoHyde® insulation, a non-halogen, low smoke, environmentally friendly non-silicone, lead-free thermoset rubber compound helps to provide protection to your critical data equipment in the event of a fire.

Flexibility & Durability: TelcoFlex® cables offer increased flexibility and durability for better cable pulling through trays.

Our authorized channel partners GCG, Talley, and Wesco provide regional distribution centers to deliver what you need, when you need it.



70+ Years of Expertise: Southwire has a long, proven history of innovating to meet customer needs.

A Proven History: Installers have been using TelcoFlex® cables on their jobs for over 30 years.



CONNECT WITH US:



1-855-798-6657 | [SOUTHWIRE.COM](https://www.southwire.com)

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TelcoFlex® L2 Telecom Power



| SIZE | STRANDING | NOMINAL CONDUCTOR DIAMETER (INCHES) | INSUL. MIN. AVG. WALL (MILS) | NOMINAL INSUL. DIAM. (INCHES) | MAX D.C. RES @ 20°C (OHMS/MFT) | APPROX. WEIGHT (lb/1000ft) | AMPACITY PER NEC TABLE 310.15(B)(16) | |
|------|-----------|-------------------------------------|------------------------------|-------------------------------|--------------------------------|----------------------------|--------------------------------------|------|
| | | | | | | | 75°C | 90°C |
| 14 | 41 | .077 | 45 | .170 | 2.730 | 24 | 20 | 25 |
| 12 | 65 | .089 | 45 | .182 | 1.720 | 35 | 25 | 30 |
| 10 | 104 | .116 | 45 | .209 | 1.080 | 50 | 35 | 40 |
| 8 | 41 | .153 | 60 | .280 | 0.679 | 78 | 50 | 55 |
| 6 | 65 | .186 | 60 | .315 | 0.436 | 122 | 65 | 75 |
| 4 | 126 | .260 | 60 | .365 | 0.274 | 205 | 65 | 95 |
| 2 | 168 | .305 | 60 | .430 | 0.172 | 254 | 115 | 130 |
| 1 | 210 | .370 | 80 | .540 | 0.126 | 351 | 130 | 150 |
| 1/0 | 266 | .392 | 80 | .560 | 0.109 | 420 | 150 | 170 |
| 2/0 | 342 | .455 | 80 | .620 | 0.057 | 536 | 175 | 195 |
| 4/0 | 532 | .577 | 80 | .745 | 0.055 | 792 | 230 | 260 |
| 350 | 888 | .760 | 95 | .960 | 0.033 | 1250 | 310 | 350 |
| 500 | 1221 | .890 | 95 | 1.090 | 0.023 | 1713 | 380 | 430 |
| 750 | 1850 | 1.094 | 110 | 1.320 | 0.016 | 2682 | 475 | 535 |

Available in colors: gray, green, red, blue, black, red with black stripe, blue with black stripe, and gray with black stripe

TelcoFlex® L3 Telecom Power Wire



| SIZE | STRANDING | NOMINAL CONDUCTOR DIAMETER (INCHES) | INSUL. MIN. AVG. WALL (MILS) | NOMINAL INSUL. DIAM. (INCHES) | MAX D.C. RES @ 20°C (OHMS/MFT) | APPROX. WEIGHT (lb/1000ft) | AMPACITY PER NEC TABLE 310.15(B)(16) | |
|------|-----------|-------------------------------------|------------------------------|-------------------------------|--------------------------------|----------------------------|--------------------------------------|------|
| | | | | | | | 75°C | 90°C |
| 14 | 7 | .0708 | 45 | .164 | .226 | 36 | 20 | 25 |
| 12 | 7 | .0892 | 45 | .182 | .244 | 46 | 25 | 30 |
| 10 | 7 | .1130 | 45 | .210 | .272 | 62 | 35 | 40 |
| 8 | 7 | .1420 | 60 | .265 | .327 | 93 | 50 | 55 |
| 6 | 7 | .1780 | 60 | .304 | .370 | 132 | 65 | 75 |
| 4 | 7 | .2250 | 60 | .348 | .414 | 188 | 85 | 95 |
| 2 | 7 | .2830 | 60 | .406 | .482 | 278 | 115 | 130 |
| 1/0 | 19 | .3620 | 80 | .530 | .606 | 441 | 150 | 170 |
| 2/0 | 19 | .4050 | 80 | .579 | .651 | 538 | 175 | 195 |
| 4/0 | 19 | .5120 | 80 | .688 | .756 | 808 | 230 | 260 |
| 350 | 37 | .6610 | 95 | .854 | .930 | 1290 | 310 | 350 |
| 500 | 37 | .7900 | 95 | .983 | 1.059 | 1788 | 380 | 430 |
| 750 | 61 | .9680 | 110 | 1.200 | 1.276 | 2638 | 475 | 535 |

Available in colors: gray, green, red, blue, black, red with black stripe, blue with black stripe, and gray with black stripe

CONNECT WITH US:



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TelcoFlex® L4 Telecom Power Wire



| SIZE | STRANDING | NOMINAL CONDUCTOR DIAMETER (INCHES) | INSUL. MIN. AVG. WALL (MILS) | NOMINAL INSUL. DIAM. (INCHES) | MAX D.C. RES @ 20°C (OHMS/MFT) | APPROX. WEIGHT (lb/1000ft) | AMPACITY PER NEC TABLE 310.15(B)(16) | |
|------|-----------|-------------------------------------|------------------------------|-------------------------------|--------------------------------|----------------------------|--------------------------------------|------|
| | | | | | | | 75°C | 90°C |
| 8 | 41 | .153 | 60 | .277 | 0.679 | 93 | 50 | 55 |
| 6 | 65 | .186 | 60 | .312 | 0.436 | 136 | 65 | 75 |
| 4 | 126 | .260 | 60 | .383 | 0.274 | 212 | 85 | 95 |
| 2 | 168 | .305 | 60 | .438 | 0.172 | 280 | 115 | 130 |
| 1/0 | 266 | .392 | 80 | .555 | 0.109 | 450 | 150 | 170 |
| 2/0 | 342 | .455 | 80 | .618 | 0.087 | 562 | 175 | 195 |
| 4/0 | 532 | .577 | 80 | .745 | 0.054 | 828 | 230 | 260 |
| 350 | 888 | .760 | 95 | .953 | 0.033 | 1291 | 310 | 350 |
| 500 | 1221 | .890 | 95 | 1.090 | 0.023 | 1776 | 380 | 430 |
| 750 | 1850 | 1.094 | 110 | 1.320 | 0.016 | 2740 | 475 | 535 |

Available in colors: gray, green, red, blue, black, red with black stripe, and blue with black stripe

TelcoFlex®-G L5 Telecom Grounding Cable



| CONDUCTOR SIZE (AWG OR KCMIL) | STRANDING CLASS B NO. OF STRANDS | DIAMETER OVER CONDUCTOR (INCHES) | INSULATION THICKNESS (MILS) | APPX. OD (INCHES) | NOMINAL WEIGHT (LBS/MFT) | AMPACITY FOR 600V NEC TABLE 310.15 (B) (16)+ | |
|-------------------------------|----------------------------------|----------------------------------|-----------------------------|-------------------|--------------------------|--|------|
| | | | | | | 75°C | 90°C |
| 10 | 7 | 0.113 | 30 | 0.173 | 29 | 35 | 40 |
| 8 | 7 | 0.142 | 45 | 0.232 | 61 | 50 | 55 |
| 6 | 7 | 0.178 | 45 | 0.268 | 99 | 65 | 75 |
| 4 | 7 | 0.225 | 45 | 0.315 | 146 | 85 | 95 |
| 2 | 7 | 0.283 | 45 | 0.373 | 238 | 115 | 130 |
| 1 | 19 | 0.322 | 55 | 0.432 | 290 | 130 | 145 |

TelcoFlex®-G L6 Telecom Grounding Cable



| CONDUCTOR SIZE (AWG OR KCMIL) | STRANDING CLASS B NO. OF STRANDS | DIAMETER OVER CONDUCTOR (INCHES) | INSULATION THICKNESS (MILS) | APPX. OD (INCHES) | NOMINAL WEIGHT (LBS/MFT) | AMPACITY FOR 600V NEC TABLE 310.15 (B) (16)+ | |
|-------------------------------|----------------------------------|----------------------------------|-----------------------------|-------------------|--------------------------|--|------|
| | | | | | | 75°C | 90°C |
| 10 | 104++ | 0.078 | 30 | 0.138 | 32 | 35 | 40 |
| 8 | 41 | 0.142 | 45 | 0.246 | 68 | 50 | 55 |
| 6 | 65 | 0.186 | 45 | 0.276 | 99 | 65 | 75 |
| 4 | 154 | 0.263 | 45 | 0.353 | 155 | 85 | 95 |
| 2 | 168 | 0.315 | 45 | 0.405 | 228 | 115 | 130 |
| 1 | 224 | 0.367 | 55 | 0.477 | 309 | 130 | 145 |