

TELCOFLEX®-G L6 Telecom Grounding Cable, Green

Green thermoset insulation, 90°C wet or dry continuous operating temperature, 130°C emergency, 250°C short circuit

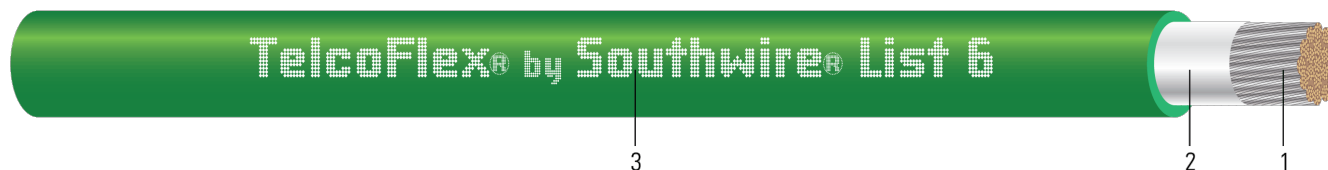


Image not to scale. See Table 1 for dimensions.

CONSTRUCTION:

1. **Conductor:** Tinned copper Class K (10AWG), Class I (8 AWG & larger)
2. **Separator Tape:** Optional Opaque Mylar tape
3. **Insulation:** Green thermoset insulation, 90°C wet or dry continuous operating temperature, 130°C emergency, 250°C short circuit

APPLICATIONS AND FEATURES:

TELCOFLEX® -G L6 telecom grounding cable is suitable for use in conduit and underground duct. Sunlight and oil resistant. Maximum side wall pressure 500 Lbs./Ft. Suitable for DC and AC.

SPECIFICATIONS:

- ASTM B1 Hard-Drawn Copper
- ASTM B3 Standard Specification for Soft or Annealed Copper Wire
- ASTM B33 Standard Specification for Tin-Coated Soft or Annealed Copper Wire
- ASTM B172 Standard Specification for Rope-Lay-Stranded Copper Conductors Having Bunch-Stranded Copper Conductors
- UL 44 Thermoset-Insulated Wires and Cables
- ICEA S-95-658 (NEMA WC70) Power Cables Rated 2000 Volts or Less for the Distribution of Electrical Energy
- RoHS-3 Complies with European Directive 2015/863
- ATIS 0600028.2021 List 6
- REACH - European Community Regulation

SAMPLE PRINT LEGEND:

SOUTHWIRE AIWTM CORD BRAND TELCOFLEX®-G VI LEAD-FREE RoHS L6 (UL) E30117 SIZE AWG XXX STRAND CLASS I 600 VOLTS XHHW-2 SUNLIGHT RESISTANT GASOLINE AND OIL RESISTANT II SUITABLE FOR GROUNDING USE (YEAR) (TIME JULIAN DATE)

NOTE: CABLE SHALL BE PRINTED ON BOTH SIDES USING INK OF CONTRASTING COLOR; SEQUENTIAL FOOTAGE MARKS SHALL BE APPLIED 2 FOOT INTERNALS ON ONE SIDE OF THE CABLE.



Table 1 – Physical and Electrical Data

| Stock Number | Cond. Size | Cond. Strands | Diameter Over Cond. | Insul. Thickness | Approx. OD | Approx. Weight | Min Bending Radius | Allowable Ampacity 75°C * | Allowable Ampacity 90°C * |
|--------------|---------------|---------------|---------------------|------------------|------------|----------------|--------------------|---------------------------|---------------------------|
| | AWG/ Kcmil | strands | inch | mil | inch | lb/1000ft | inch | Amp | Amp |
| TBA | 10 | 104** | 0.078 | 30 | 0.138 | 32 | 2 | 30 | 30 |
| TBA | 8 | 41 | 0.142 | 45 | 0.246 | 68 | 2 | 50 | 55 |
| 597903 | 6 | 65 | 0.186 | 45 | 0.276 | 99 | 3 | 65 | 75 |
| TBA | 4 | 154 | 0.263 | 45 | 0.353 | 155 | 3 | 85 | 95 |
| 597904 | 2 | 168 | 0.315 | 45 | 0.405 | 228 | 4 | 115 | 130 |
| TBA | 1 | 224 | 0.367 | 55 | 0.477 | 309 | 4 | 130 | 145 |

All dimensions are nominal and subject to normal manufacturing tolerances

◊ Cable marked with this symbol is a standard stock item

* Ampacity based on 310.15 (B) (16) allowable ampacities for not more than three current carrying conductors rated up to 2000 volts based on ambient temperature of 30 °C (86 °F).

** Class K Per ICEA S-75-381 NEMA WC 58 Portable and Power Feeder Cables.

