



## 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:

- Conductor:** Tinned copper Class K (10AWG), Class I (8 AWG & larger)
- 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 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

### SAMPLE PRINT LEGEND:

SOUTHWIRE AIW™ CORD BRAND TELCOFLEX®-G VI / ATIS 0600028.2021 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)

**Table 1 – Physical and Electrical Data**

| Cond. Size | Cond. Strands | Diameter Over Cond. | Insul. Thickness | Approx. OD | Approx. Weight | DC Resistance @ 25°C | Min Bending Radius | Allowable Ampacity 75°C | Allowable Ampacity 90°C |
|------------|---------------|---------------------|------------------|------------|----------------|----------------------|--------------------|-------------------------|-------------------------|
| AWG/Kcmil  | strands       | inch                | mil              | inch       | lb/1000ft      | Ω/1000ft             | inch               | Amp                     | Amp                     |
| 2          | 168           | 0.290               | 45               | 0.405      | 227            | 0.172                | 1.6                | 115                     | 130                     |

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.

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.

