# TELCOFLEX®-G L5 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:** Class B tinned copper
2. **Insulation:** Green thermoset insulation, 90°C wet or dry continuous operating temperature, 130°C emergency, 250°C short circuit

## APPLICATIONS AND FEATURES:

TELCOFLEX® -G L5 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 B8 Concentric-Lay-Stranded Copper Conductors
- ASTM B33 Standard Specification for Tin-Coated Soft or Annealed Copper Wire
- 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 5

## SAMPLE PRINT LEGEND:

SOUTHWIRE AIW™ CORD BRAND TELCOFLEX®-G V / ATIS 0600028.2021 LEAD-FREE RoHS L5 (UL) E30117 SIZE AWG 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

| Stock Number | Cond. Size | Cond. Strands | Diameter Over Cond. | Insul. Thickness | Diameter Over Insulation | 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 | inch | lb/1000ft | Ω/1000ft | inch | Amp | Amp |
| 643961 | 6 | 7 | 0.178 | 45 | 0.268 | 0.268 | 97 | 0.411 | 1.1 | 65 | 75 |

All dimensions are nominal and subject to normal manufacturing tolerances
◊ Cable marked with this symbol is a standard stock item
* Allowable Ampacity In Raceway per NEC Table 310.15(B)(16)
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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