

# 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:

- Conductor:** Class B tinned copper
- 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 | 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                     |
| 64366301     | 10         | 7             | 0.113               | 30               | 0.173      | 29             | 2                  | 30                      | 30                      |
| TBA          | 8          | 7             | 0.142               | 45               | 0.232      | 61             | 2                  | 50                      | 55                      |
| 64396101     | 6          | 7             | 0.178               | 45               | 0.268      | 99             | 3                  | 65                      | 75                      |
| TBA          | 4          | 7             | 0.225               | 45               | 0.315      | 146            | 3                  | 85                      | 95                      |
| 64396201     | 2          | 7             | 0.283               | 45               | 0.373      | 238            | 4                  | 115                     | 130                     |
| TBA          | 1          | 19            | 0.322               | 55               | 0.432      | 290            | 4                  | 130                     | 145                     |

All dimensions are nominal and subject to normal manufacturing tolerances

◊ Cable marked with this symbol is a standard stock item



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\* Allowable Ampacity In Raceway per NEC Table 310.15(B)(16)

