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
643663	10	7	0.113	30	0.173	0.175	39	1.04	0.7	35	40
TBA	8	7	0.142	45	0.232	0.232	66	0.653	0.9	50	55
643961	6	7	0.178	45	0.268	0.268	97	0.411	1.1	65	75
TBA	4	7	0.225	45	0.315	0.315	151	0.258	1.3	85	95
643962	2	7	0.283	45	0.373	0.373	230	0.162	1.5	115	130
TBA	1	19	0.322	55	0.432	0.432	295	0.128	1.7	130	145

All dimensions are nominal and subject to normal manufacturing tolerances

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UPDATED: Dec. 31, 2024, 11:07 p.m.UTC REVISION: 1.000.001

◊ 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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