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. **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

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

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* 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.