

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
- REACH - European Community Regulation

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



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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)

