

# TelcoFlex®-G L6 Telecom Grounding Cable



## CONSTRUCTION:

- Conductors:** Class B tinned copper
- Separator:** Mylar tape
- Insulation:** Green thermoset insulation, 90°C wet or dry continuous operating temperature, 130°C emergency, 250°C short circuit

## APPLICATIONS AND FEATURES:

- Suitable for Grounding
- Suitable for use in conduit and underground duct
- Suitable for DC and AC
- Sunlight and oil resistant
- Maximum side wall pressure 500 Lbs./Ft.
- RoHS/REACH Compliant

## SPECIFICATIONS:

- ASTM B3 Soft or annealed copper
- ASTM B172 Rope-lay-stranded copper conductors
- ASTM B33 Tin coated copper conductors
- ICEA S-95-658 NEMA WC-70
- UL 44 Thermoset Insulated Wires and Cables

## SAMPLE PRINT LEGEND:

SOUTHWIRE AIW™ CORD BRAND TELCOFLEX®-G VI LEAD-FREE RoHS L6 (UL) E30117 SIZE AWG 600 VOLTS XHHW-2 SUNLIGHT RESISTANT GASOLINE AND OIL RESISTANT II SUITABLE FOR GROUNDING USE (YEAR) (TIME JULIAN DATE)

NOTE: CABLE SHALL BE PRINTED ON BOTH SIDES USING INK OF CONTRASTING COLOR; SEQUENTIAL FOOTAGE MARKS SHALL BE APPLIED AT 2 FOOT INTERVALS ON ONE SIDE OF THE CABLE.

**TABLE 1 – PHYSICAL AND ELECTRICAL DATA**

STOCK CODE	CONDUCTOR SIZE AWG OR KCMIL	STRANDING CLASS I 8 AWG AND LARGER NO. OF STRANDS	DIAMETER OVER CONDUCTOR (A) INCHES	INSULATION THICKNESS MILS	APPROXIMATE OD (B) INCHES	NOMINAL WEIGHT LBS/1000 FT.	AMPACITY FOR 600V NEC TABLE 310.15 (B) (16)+	
							75°C	90°C
TBD	10	104++	0.078	30	0.138	32	35	40
TBD	8	41	0.142	45	0.246	68	50	55
59790301	6	65	0.186	45	0.276	99	65	75
TBD	4	154	0.263	45	0.353	155	85	95
59790401	2	168	0.315	45	0.405	228	115	130
TBD	1	224	0.367	55	0.477	309	130	145

+ 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.

**All measurements are subject to nominal manufacturing tolerances.**



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