CU 600V NLEPR PVC Tower and Case Wire

600 Volt, 90°C, AREMA PART 10.3.15

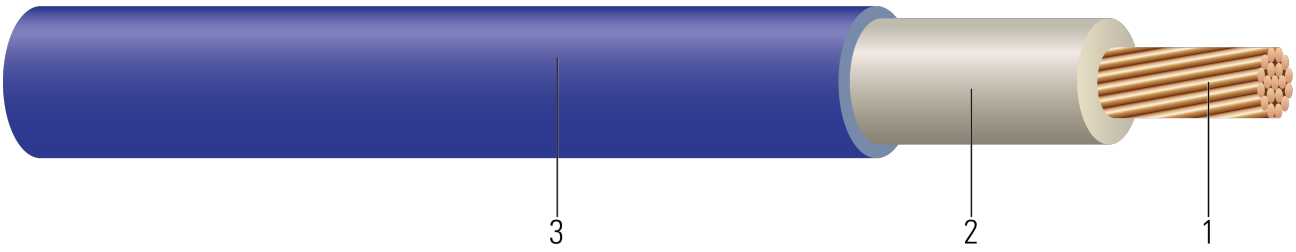


Image not to scale. See Table 1 for dimensions.

CONSTRUCTION:

1. **Conductor:** Flexible stranded bare copper per ASTM B3
2. **Insulation:** No Lead Ethylene Propylene Rubber (NL-EPR)
3. **Jacket:** Polyvinyl Chloride (PVC)

APPLICATIONS AND FEATURES:

Southwire 600V No Lead EPR/PVC TC Blue Tower and Case Wire is suited for use as relay and associated signal apparatus wiring and for connector wire use in applications where flexibility, ease of termination, small diameters, long last- ing performance, and stable service life are required. May be installed in wet or dry locations. These cables are capable of operating continuously at a conductor temperature not in excess of 90°C for normal operation, 130°C for emergency overload conditions, and 250°C for short circuit conditions. Alternate colors are available upon request.

- Mechanically rugged
- High Performance No Lead EPR
- Excellent moisture resistance
- Resistant to heat, aging, and environmental hazards
- Cleanly strips from conductor
- RoHS/Proposition 65 Compliant
- FT2 Horizontal Flame Test
- Sequential footage markings on jacket

SPECIFICATIONS:

- ASTM B3 Soft or Annealed Copper Wire
- ICEA S-95-658 (NEMA WC70) Power Cables Rated 2000 Volts or Less for the Distribution of Electrical Energy
- AREMA Signal Manual Part 10.3.19 for EPR Type I Insulation
- AREMA Signal Manual Part 10.3.21 for PE Type II Jacket

SAMPLE PRINT LEGEND:

{SQFTG} SOUTHWIRE 1/C X AWG CU TOWER & CASE {YYYY}

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Table 1 – Physical and Electrical Data

Stock Number	Cond. Size	Strand Count	Insul. Thickness	Jacket Thickness	Jacket Color	Approx. OD	Approx. Weight
	AWG/kcmil	No. of Strands	mil	mil		inch	lb/1000ft
459463	16	19	30	20	blue	0.164	18
459465	14	19	30	20	blue	0.178	24
459467	12	19	30	20	blue	0.197	33
459471	10	19	30	20	blue	0.218	47
459473	9	19	45	25	blue	0.275	66
459475	6	19	60	30	blue	0.368	126

All dimensions are nominal and subject to normal manufacturing tolerances
◊ Cable marked with this symbol is a standard stock item
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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