CU 600V NLEPR PE DUPLEX TRACK WIRE

600 Volt 90°C AREMA PART 10.3.16.



Image not to scale. See Table 1 for dimensions.

CONSTRUCTION:

1. **Conductor:** Solid Uncoated Copper
2. **Insulation:** High Performance No Lead Ethylene Propylene Rubber NL-EPR
3. **Jacket:** Polyethylene PE Jacket

APPLICATIONS AND FEATURES:

Southwire 600V ECO Friendly No Lead EPR/PE Duplex Track Wire is suited for use in track circuits, signal operations, and car retarder and switch machine applications where flexibility, ease of termination, and stable service life are required. May be installed in wet or dry locations, conduit trays or troughs, or directly buried. 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.

- Mechanically Rugged
- High Performance No Lead EPR
- Excellent Moisture Resistance
- Resistant to Heat Aging and Environmental Hazards
- Cleanly Strips from Conductor
- Superior Deformation Resistance
- RoHS/Proposition 65 Compliant

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

Table 1 – Physical and Electrical Data

Stock Number	Cond. Size	Strand Count	Cond. Number	Cond. Shape	Insul. Thickness	Jacket Thickness	Approx. OD	Approx. Weight
	AWG/kcmil	No. of Strands	No.		mil	mil	inch	lb/1000ft
TBA	9	1	2	DUPLEX TRACK WIRE	78	63	0.793	181
587797	6	1	2	DUPLEX TRACK WIRE	94	63	0.952	302

All dimensions are nominal and subject to normal manufacturing tolerances

◊ Cable marked with this symbol is a standard stock item