CU 600V NLEPR NYLON BRAID CASE WIRE

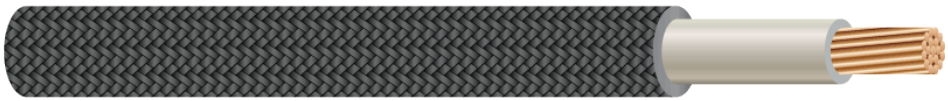


Image not to scale. See Table 1 for dimensions.

CONSTRUCTION:

1. **Conductor:** Stranded Uncoated Copper
2. **Insulation:** High Performance No Lead Ethylene Propylene Rubber NL-EPR
3. **Braid:** Nylon braid and lacquer finish of 5 mils

APPLICATIONS AND FEATURES:

Southwire 600V ECO Friendly No Lead EPR/Nylon Braid 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 lasting 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.

- Mechanically Rugged
- High Performance No Lead EPR
- Excellent Moisture Resistance
- Resistant to Heat Aging and Environmental Hazards
- Cleanly Strips from Conductor
- Passes -60°C Cold Bend
- Superior Deformation Resistance
- RoHS/Proposition 65 Compliant
- 100% Braid Coverage

SPECIFICATIONS:

- ASTM B8 Concentric-Lay-Stranded Copper Conductors
- 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

Copyright © 2024 Southwire Company, LLC. All Rights Reserved

Table 1 – Physical and Electrical Data

Stock Number	Cond. Size	Strand Count	Cond. Shape	Insul. Thickness	Jacket Thickness	Approx. OD	Approx. Weight
	AWG/kcmil	No. of Strands		mil	mil	inch	lb/1000ft
587895	16	19	CASE WIRE	31	31	0.123	12
TBA	14	19	CASE WIRE	31	31	0.147	18
TBA	12	19	CASE WIRE	47	47	0.202	31
TBA	10	37	CASE WIRE	47	47	0.212	66
587893	10	19	CASE WIRE	47	47	0.216	45
TBA	9	19	CASE WIRE	47	47	0.245	54

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