

- THHN Copper Conductors/PVC Jacket
- 90°C Dry and Wet
- 600 Volts

COPPER SER

Type SE, Style SER

Service Entrance

APPLICATIONS

- May be used as service-entrance conductors and in other applications where SE cables are permitted when installed as specified by NEC® Article 230
- May be used in wet or dry locations at temperatures up to 90°C

CONDUCTORS

- Stranded conductors: Uncoated copper per ASTM-B3, ASTM-B8 and ASTM-B787

PHASE CONDUCTORS

- Type THHN conductors
- Black PVC (polyvinyl chloride), rated 90°C dry or wet, jacketed with black nylon (polyamide)
- One of the phase conductors has a red stripe on the surface of the insulation for polarity identification

NEUTRAL CONDUCTOR

- White PVC (polyvinyl chloride), rated 90°C jacketed with white nylon (polyamide)

EQUIPMENT GROUND CONDUCTOR

- Bare stranded copper conductor

ASSEMBLY

- The insulated and bare conductors are twisted together
- A glass-reinforced tape is applied over the conductors

JACKET

- A gray, sunlight resistant PVC (polyvinyl chloride) jacket is applied over the complete assembly

Product Code Number	Size/Construction AWG	Stranding		Approx. O.D. Mils.	Allowable Ampacities*				Approx. Net. Wt. lbs./m ft.
		Phase Conductor & Neutral	Equipment Grounding Conductor		60°C **	75°C ***	90°C ****	Dwelling *****	
136-3600	6-6-6-6	7	7	660	55	65	75	-	411
136-4000	4-4-4-6	7	7	800	70	85	95	100	595
136-4400	3-3-3-5	7	7	905	85	100	110	110	738
136-4800	2-2-2-4	7	7	970	95	115	130	125	899
136-5200	1-1-1-3	19	7	1125	110	130	150	150	1140
136-6000	2/0-2/0-2/0-1	19	19	1250	145	175	195	200	1772

* Per Table 310-16 NEC®

** For termination to equipment for circuits rated 100 amperes or less or marked for 14 AWG through 1 AWG conductors. See Art. 110.14 (C)(1) NEC®.

*** For termination to equipment for circuits rated over 100 amperes or marked for conductors larger than No. 1 AWG. See Art. 110.14 (C)(1) NEC®.

**** Dry or wet locations, for ampacity derating purposes.

***** For dwelling units, conductors shall be permitted at listed ampacities for 120/240 volt, 3 wire, single-phase service conductors that supply the total load. Per Table 310-15(B) (6) NEC®.

- THHN Copper Conductors/PVC Jacket
- 90°C Dry and Wet
- 600 Volts

COPPER SER

Type SE, Style SER

Service Entrance

INDUSTRY STANDARDS

- UL 83 (insulated conductors)
- UL 854 Service Entrance Cables, File No. 11098
- ASTM - B3
- ASTM - B8
- ASTM - B787
- Federal Specification A-A-59544
- NFPA70: National Electrical Code®

SURFACE PRINT

- Sample: TYPE SE CABLE STYLE R TYPE THHN OR THWN CDRS 3 CDRS 6 AWG 1 CDR 6 AWG 600V E11098-A (UL)

Package Code	J
AWG Size	500' spool or reel
6-6-6-6 Stranded	X
4-4-4-6 Stranded	X
3-3-3-5 Stranded	X
2-2-2-4 Stranded	X
1-1-1-3 Stranded	X
2/0-2/0-2/0-1 Stranded	X