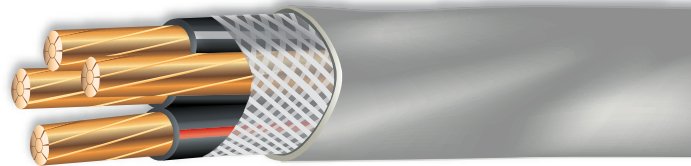


Copper SER

Type SE, Style SER
Service Entrance



90°C Dry or Wet

600 Volts

THHN Copper
Conductors

PVC Jacket

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 to 90°C in wet or dry locations

Jacketed with black nylon (polyamide)

One phase conductor has a red stripe on its insulation surface for easy polarity identification

NEUTRAL CONDUCTOR

White PVC (polyvinyl chloride), rated 90°C

Jacketed with white nylon (polyamide)

EQUIPMENT GROUND CONDUCTOR

Bare stranded copper conductor.

ASSEMBLY

Insulated and bare conductors are twisted together.

Glass-reinforced tape is applied over conductors.

JACKET

Gray, sunlight-resistant PVC (polyvinyl chloride) jacket over the complete assembly

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)

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A Marmon Wire & Cable/
Berkshire Hathaway Company

Copper SER

Type SE, Style SER
Service Entrance

PRODUCT CODE NUMBER	SIZE/ CONSTRUCTION AWG	STRANDING		APPROX. O.D. MILS.	ALLOWABLE AMPACITIES*				APPROX. NET WT. LBS./M FT.	UPC CODE
		PHASE CONDUCTOR & NEUTRAL	EQUIPMENT GROUNDING CONDUCTOR		60°C **	75°C ***	90°C ****	DWELLING *****		
136-3600J	6-6-6-6	7	7	660	55	65	75	—	411	048243271054
136-4000J	4-4-4-6	7	7	800	70	85	95	100	595	048243271108
136-4400J	3-3-3-5	7	7	905	85	100	110	110	738	048243271153
136-4800J	2-2-2-4	7	7	970	95	115	130	125	899	048243271207
136-5200J	1-1-1-3	19	7	1125	110	130	150	150	1140	048243271252
136-6000J	2/0-2/0-2/0-1	19	19	1250	145	175	195	200	1772	048243271351

* 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®.

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