

SEU

Service Entrance Cable

Type SE, Style U
600V
90°C Wet or Dry



Description:

May be used as service-entrance conductors, feeders and branch circuits where SE cables are permitted when installed as specified by the National Electrical Code® (NEC). May be used in wet or dry locations at temperatures up to 90°C.

Uninsulated conductor between two insulated conductors, parallel-laid then wrapped in a glass-reinforced tape. Uninsulated (bare) conductor may be used for equipment grounding where used for feeder or branch circuit applications. Gray, sunlight-resistant PVC jacket over the complete assembly.

Materials:

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

Insulated conductors: Type THHN/THWN-2 insulation. Black PVC insulation with black nylon. Rated for use up to 90°C in wet or dry locations.

Phase ID: A red stripe on insulation surface of one conductor.

Uninsulated conductor: Bare stranded copper.

Standards:

UL 83: E15119

UL 854: E11098

ASTM B3

ASTM B8

ASTM B787

Federal Specification A-A-59544

NFPA 70 (National Electrical Code®)

Surface Print:

Sample: TYPE SE STYLE U TYPE THHN

OR THWN-2 2 CDRS 6 AWG 1 CDR 8

AWG 600V E11098-A (UL)

Conductor Size (AWG)	Stranding	Approx. Overall Dimensions (in)	Allowable Ampacities*				Net Weight (Lbs/Mft)
			60°C **	75°C ***	90°C ****	Dwelling *****	
8-8-8	7	.400 x .710	40	50	55	—	241
6-6-8	7	.400 x .770	55	65	75	—	313
6-6-6	7	.400 x .790	55	65	75	—	348
4-4-6	7	.470 x .950	70	85	95	100	486
4-4-4	7	.470 x 1.030	70	85	95	100	533
3-3-5	7	.500 x 1.040	85	100	115	110	588
2-2-4	7	.565 x 1.100	95	115	130	125	721
2-2-2	7	.565 x 1.200	95	115	130	125	802
2/0-2/0-2/0	19	.900 x 1.400	145	175	195	200	1412

Features:



* See NEC® Table 310.15(B)(16).

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

*** For termination to equipment circuits rated over 100 amperes or marked for conductors larger than 1 AWG. See NEC® 110.14(C)(1).

**** Dry or wet locations, for ampacity correction and adjustment purposes.

***** For dwelling units, conductors are permitted at listed ampacities for 3-wire, single-phase service or feeder conductors that supply the total load. See NEC® 310.15(B)(7).

Data are approximate and subject to normal manufacturing tolerances.

It is the sole responsibility of the end user to determine suitability of this product for its intended use and application.