SER

Service Entrance Cable

Type SE, Style R
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.

Insulated and bare conductors are twisted together then wrapped in a glass-reinforced tape. Gray, sunlight-resistant PVC jacket over the complete assembly.

Materials:

Stranded conductors: Uncoated copper per ASTM B3, ASTM B8, and ASTM B787.
Phase 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.
Neutral conductor: White PVC insulated with white nylon. Rated for use up to 90°C.
Equipment grounding 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 R TYPE THHN OR THWN-2 3 CDRS 6 AWG 1 CDR 6 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 *****	
6-6-6-6	7	.660	55	65	75	——	411
4-4-4-6	7	.800	70	85	95	100	595
3-3-3-5	7	.905	85	100	115	110	738
2-2-2-4	7	.970	95	115	130	125	899

Features:

Footage GUARANTEE
RoHS compliant
MADE IN THE USA

* 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.