

## SER- Aluminum Conductor with Bare Ground XLPE, Low-Voltage Power



\*Product images are for illustrative purposes only and may differ from the actual product.

### Category Conductor Description:

- 8 AWG thru 2 AWG Class B compact stranded aluminum alloy (8000 Series) per ASTM B800 and ASTM B801 1 AWG thru 300 MCM compact stranded SIW aluminum alloy (8000 Series) per ASTM B800, ASTM B801 and ASTM B836

### Category Jacket Description:

- Gray sunlight-resistant Polyvinyl Chloride (PVC)

### Standards:

- Type SE, Style R (SER): Two, three or four insulated conductors with a bare AA-8000 aluminum alloy ground and a reinforcement tape. Type SE, Style R (SER) is used to convey power from the service drop to the meter base and from the meter base to the distribution panelboard. It may be used in other branch circuits, feeders, or any application where Type SE cable is permitted by the NEC. SE cable is rated for 600V not to exceed 90C in wet or dry locations. Single conductors are UL Listed Type XHHW-2. The cable is rated Sunlight Resistant.

### Category Insulation Description:

- Flame-retardant Cross-linked Polyethylene (XLPE) Type XHHW-2

### Applications:

- Used in service and feeder applications for dwelling units and other interior wiring applications
- Above-ground service entrance and branch circuit
- Maximum operating temperature not to exceed 90°C in wet or dry locations
- 600 V approved for use as specified by the NEC®

**Part Number Table**

<b>Part#</b>	<b>Phase Conductor AWG</b>	<b>Phase Conductor Stranding</b>	<b>Phase Conductor Insul. Thick. Mils</b>	<b>Outside Diameter Inches</b>	<b>Alum Weight (Lbs./M)</b>	<b>Material Weight (Lbs./M')</b>
SER6-3C-6	6	7	45	.0675"	98	177
SER6-2C-6	6	7	45	0.584"	74	134
SER4-3C-6	4	7	45	0.745"	142	234
SER2-3C-4	2	7	45	0.884"	226	338
SER1-3C-3	1	8	55	0.992"	285	433
SER1/03C-2	1/0	10	55	1.090"	359	526
SER2/03C-1	2/0	12	55	1.182"	453	638
SER3/03C-1/0	3/0	16	55	1.303"	571	780
SER4/03C-2/0	4/0	19	55	1.423"	720	955
SER250-3C-3/0	250	23	65	1.580"	860	1147
SER300-3C-4/0	300	22	65	1.719"	1042	1360

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