

Aluminum Conductor with Bare Ground XLPE, Low-Voltage Power 600 V, UL Type SE Style R

Category Conductor Description:

- 14 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 Insulation Description:

- Flame-retardant Cross-linked Polyethylene (XLPE) Type XHHW-8

Category Jacket Description:

- Gray sunlight-resistant Polyvinyl Chloride (PVC)

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®

Standards:

- Industry Compliances:
 - – UL 854 Type SE Style U, UL File #E39725
 - – UL 44 for Types RHH and RHW-2, UL File #E39406
 - – National Electrical Code (NEC®)
- Flame Test Compliances:
 - – UL 1581, Vertical Flame 1061
- Other Compliances:
 - – OSHA Acceptable
 - – RoHS Compliant

Part Number Table

Part#	Phase Conductor AWG	Phase Conductor Stranding	Phase Conductor Insul. Thick. Mils	Outside Diameter Inches	Alum Weight (Lbs./M)	Material Weight (Lbs./M')
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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