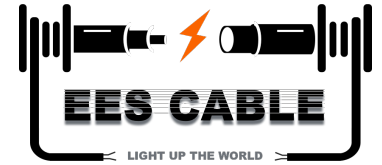


# SER Aluminum Service Entrance Cable

SER Aluminum Service Entrance Cable



## Aluminum Service Entrance Cable Type SE Style R (SER), 600V 90°C



Partnumber	Insulated Cond(s) Size (AWG/KCM)	Bare Conductor Size (AWG)	Nominal OD (inches)	Approx. Weight (lbs/1000')	Amps at 90°C	Amps in Dwelling
Two Conductor SER plus Bare Ground						
8-02ALUMG-SER	8	8	0.559	109	45	N/A
6-02ALUMG-SER	6	6	0.630	148	55	N/A
4-02ALUMG-R-SER	4	6	0.720	191	75	N/A
4-02ALUMG-SER	4	4	0.720	206	75	N/A
2-02ALUMG-R-SER	2	4	0.831	270	100	100
2-02ALUMG-SER	2	2	0.831	293	100	100
1-02ALUMG-SER	1	1	0.937	369	115	110
1/0-02ALUMG-R-SER	1/0	2	1.016	407	135	125
1/0-02ALUMG-SER	1/0	1/0	1.016	443	135	125
2/0-02ALUMG-R-SER	2/0	1	1.094	489	150	150
2/0-02ALUMG-SER	2/0	2/0	1.094	535	150	150
4/0-02ALUMG-R-SER	4/0	2/0	1.291	720	205	200
4/0-02ALUMG-SER	4/0	4/0	1.291	794	205	200
Three Conductor SER plus Bare Ground						
8-03ALUMG-SER	8	8	0.606	143	45	N/A
6-03ALUMG-SER	6	6	0.689	195	55	N/A
4-03ALUMG-R-SER	4	6	0.776	257	75	N/A
2-03ALUMG-R-SER	2	4	0.902	365	100	100
1-03ALUMG-R-SER	1	3	1.020	461	115	110
1/0-03ALUMG-R-SER	1/0	2	1.106	556	135	125
2/0-03ALUM-R-SER	2/0	1	1.197	668	150	150
3/0-03ALUMG-R-SER	3/0	1/0	1.307	809	175	175
4/0-03ALUMG-R-SER	4/0	2/0	1.421	987	205	200
250-03ALUMG-R-SER	250	3/0	1.601	1202	230	225
300-03ALUMG-R-SER	300	4/0	1.740	1350	260	250
Four Conductor SER plus Bare Ground						
2-04ALUMG-R-SER	2	4	1.043	465	100	100
2/0-04ALUMG-R-SER	2/0	1	1.398	853	150	150
4/0-04ALUMG-R-SER	4/0	2/0	1.673	1262	205	200
250-04ALUMG-R-SER	250	3/0	1.805	1485	230	225

- Application:** Aluminum SER cable is primarily used as panel feeder in multiple unit dwellings and for branch circuits. Maximum operating temperature is not to exceed 90°C in wet locations. Voltage rating is 600 volts.
- Conductors:** Compact strand soft drawn 8000 series aluminum conductor, per ASTM B-801
- Insulation:** Type XHHW-2 cross linked polyethylene (XLP) insulation. The conductors are cabled together with a bare aluminum alloy ground.
- Jacket:** A gray sunlight resistance polyvinyl chloride (PVC) jacket.
- Standards:** UL 44, 854  
ASTM B-800, B-801