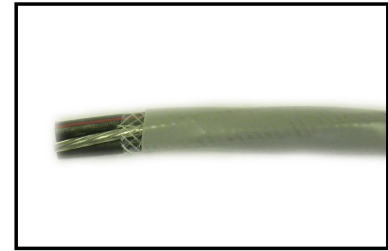




155 Marcus Blvd  
Hauppauge, NY 11788



## Aluminum Service Entrance Cable Type SE Style R 600V 90°C

Part number	Insulated Cond(s) Size (AWG)	Bare Conductor Size (AWG)	Nominal OD (inches)	Approx. Weight (LBS per 1000")	Amps at 90°C	Amps in Dwelling
<b>Two Conductor SER</b>						
ALSER8-2-8-M	8	8	0.488	97	45	N/A
ALSER6-2-6-M	6	6	0.574	138	60	N/A
ALSER4-2-6-M	4	6	0.632	177	75	N/A
ALSER4-2-4-M	4	4	0.669	193	75	N/A
ALSER2-2-4-M	2	4	0.748	254	100	100
ALSER2-2-2-M	2	2	0.788	280	100	100
ALSER1-2-1-M	1	1	0.884	349	115	110
ALSER1/0-2-2-M	1/0	2	0.915	384	135	125
ALSER1/0-2-1/0-M	1/0	1/0	0.964	423	135	125
ALSER2/0-2-1-M	2/0	1	0.951	459	150	150
ALSER2/0-2-2/0-M	2/0	2/0	1.050	513	150	150
ALSER4/0-2-2/0-M	4/0	2/0	1.193	690	205	200
ALSER4/0-2-4/0-M	4/0	4/0	1.264	766	205	200
<b>Three Conductor SER plus Bare Ground</b>						
ALSER8-3-8-M	8	8	0.571	128	45	N/A
ALSER6-3-6-M	6	6	0.650	182	60	N/A
ALSER4-3-6-M	4	6	0.736	240	75	N/A
ALSER2-3-4-M	2	4	0.863	346	100	100
ALSER1-3-3-M	1	3	0.973	435	115	110
ALSER1/0-3-2-M	1/0	2	1.061	526	135	125
ALSER2/0-3-1-M	2/0	1	1.164	637	150	150
ALSER3/0-3-1/0-M	3/0	1/0	1.274	776	175	175
ALSER4/0-3-2/0-M	4/0	2/0	1.390	948	205	200
ALSER250-3-3/0-M	250	3/0	1.601	1106	230	225
ALSER300-3-4/0-M	300	4/0	1.741	1311	255	250
<b>Four Conductor SER plus Bare Ground</b>						
ALSER2-4-4-M	2	4	0.973	438	100	100
ALSER2/0-4-1-M	2/0	1	1.299	807	150	150
ALSER4/0-4-2/0-M	4/0	2/0	1.557	1204	205	200
ALSER250-4-3/0-M	250	3/0	1.798	1404	230	225

All values are nominal and subject to correction

\* Ampacities shown are for general use as specified by the National Electric Code, 2005 Edition, section 310-15. Dwelling – For dwelling units, conductors shall be permitted as listed ampacities to be utilized as 120/240-volt, 3-wire, single-phase service entrance conductors and feeder conductors that serve as the main feeder for NEC 310-15 (b) (6).

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