

# Arace Supply - Aluminum Service Entrance (SE) Cable



## Application:

Our Type SE Service Entrance Cable is designed to convey power from the service drop to the meter base and from the meter base to the distribution panelboard. This versatile cable can also be used in any application where Type SE cable is permitted. Suitable for wet or dry, above-ground locations, it operates reliably at temperatures up to 90°C. With a voltage rating of 600 volts, this cable ensures safe and efficient power distribution in residential and commercial settings.



## Standards:

- Conforms to ASTM B800 and ASTM B801
- UL Listed
- UL 854 Standard for thermoset insulated conductors
- UL 44 Standard for XHHW-2
- RoHS



## Construction:

Our aluminum alloy conductor is engineered for durability and performance. It features compact-stranded conductors insulated with XLPE for enhanced reliability. The cable is available with two, three, or four insulated conductors, along with a bare conductor. These conductors are cabled together and wrapped with a fiberglass reinforced polyester tape. The entire assembly is then sheathed in a grey, sunlight-resistant PVC jacket, offering robust protection against the elements.

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Catalog #	Insulated Conductor		Bare	Approx. OD		Approx. Weight	Allowable Ampacities		
	Size	# of Strands	Size	inches	MM		75°C	90°C	Dwelling
	AWG/kcmil		AWG/kcmil			lbs/kft			
<b>Two Conductor SER plus Bare Ground</b>									
SER6/2	6	7	6	0.63	16.0	150	50	60	-
SER4/2	4	7	6	0.72	18.3	203	65	75	-
SER2/2	2	7	4	0.83	21.1	290	90	100	100
<b>Three Conductor SER plus Bare Ground</b>									
SER8/3	8	7	8	0.61	15.5	136	40	45	-
SER6/3	6	7	6	0.69	17.5	196	50	60	-
SER4/3	4	7	6	0.78	19.8	252	65	75	-
SER2/3	2	7	4	0.91	23.1	359	90	100	100
SER1/3	1	18	3	1.02	25.9	449	100	115	110
SER1/0-3	1/0	18	2	1.11	28.2	540	120	135	125
SER2/0-3	2/0	18	1	1.2	30.5	652	135	150	150
SER3/0-3	3/0	18	1/0	1.31	33.3	786	155	175	175
SER4/0-3	4/0	18	2/0	1.43	36.3	960	180	205	200
SER250/3	250/0	36	3/0	1.59	40.4	1458	205	230	225
<b>Four Conductor SER plus Bare Ground</b>									
SER2/4	2	7	4	1.05	26.7	452	90	100	100
SER2/0-4	2/0	18	1	1.4	35.6	827	135	150	150
SER4/0-4	4/0	18	2/0	1.68	42.7	1228	180	205	200
SER250/4	250/0	36	3/0	1.74	44.2		205	230	225