



155 Marcus Blvd
Hauppauge, NY 11788



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

Part Number	Insulated Conductor Size/AWG	Bare Conductor Size/AWG	Nominal Outside Diameter (inches)	Aluminum Weight lbs./1000 ft.	Approx. Net Weight lbs./1000 ft.	AMPS 90°C	AMPS Dwelling
ALSEU8-2-8-M	8	8	0.407	47	104	45	N/A
ALSEU6-2-6-M	6	6	0.458	75	143	60	N/A
ALSEU4-2-6-M	4	6	0.502	104	184	75	N/A
ALSEU4-2-4-M	4	4	0.505	118	198	75	N/A
ALSEU2-2-4-M	2	4	0.559	165	259	100	100
ALSEU2-2-2-M	2	2	0.559	188	282	100	100
ALSEU1-2-1-M	1	1	0.625	236	353	115	110
ALSEU1/0-2-2-M	1/0	2	0.647	261	387	135	125
ALSEU1/0-2-1/0-M	1/0	1/0	0.661	298	438	135	125
ALSEU2/0-2-1-M	2/0	1	0.702	329	467	150	150
ALSEU2/0-2-2/0-M	2/0	2/0	0.719	376	516	150	150
ALSEU4/0-2-2/0-M	4/0	2/0	0.818	524	692	205	200
ALSEU4/0-2-4/0-M	4/0	4/0	0.857	599	770	205	200

All values are nominal and subject to correction

* Ampacities shown are for general use as specified by the National Electrical Code, 2005 Edition, section 310-15.

- Application:** Primarily used to convey power from the service drop to the meter base and from the meter base to the distribution panel board. SEU can also be used in certain branch circuits as permitted by the 2005 National Electric Code. Maximum operating temperature is not to exceed 90°C in wet or dry 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 an aluminum alloy concentric neutral and covered with a reinforced binder tape.
- Jacket:** Gray sunlight resistance polyvinyl chloride (PVC) jacket.
- Standards:** 60°C when terminated to equipment for circuits rated 100amps or less or marked for 14ga through 1ga conductors
70°C when terminated to equipment for circuits rated over 100amps or marked for conductors larger than 1ga
90°C wet or dry locations
For dwelling units, conductors shall be permitted at listed Ampacities to be utilized as 120/240 volt, 3-wire, single phase service conductors that supply the total load UL 44, 854