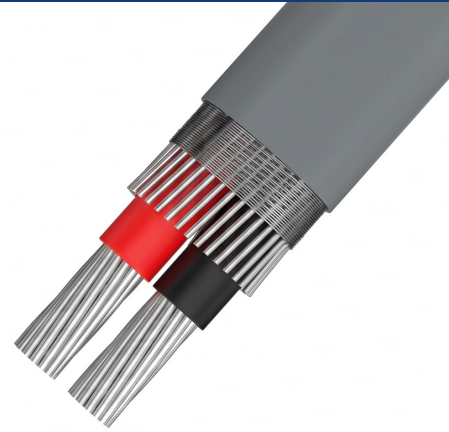


SEU Service Entrance Cable (Aluminum Alloy AA-8000, 600V)

Farwalk's SEU (Service Entrance Unarmored) cables are the specialized solution for primary residential power entries. Featuring a flat, space-saving oval profile and a concentric neutral conductor, these cables are engineered with high-conductivity AA-8000 series aluminum to deliver safe, cost-effective power from the utility drop to the meter base.



Applications

Primarily used as a service entrance conductor from the overhead utility power line to the residential or commercial meter base. Its unique flat shape makes it ideal for running along exterior walls where a low profile is aesthetically preferred. Rated for 600 volts and approved for use in both dry and wet locations per the NEC.

Description

Manufactured in strict accordance with UL Standard 854. The core features phase conductors insulated with heat and moisture-resistant XLPE (Type XHHW-2). A neutral conductor is applied concentrically (helically) over the phase conductors, followed by a binder tape and a sunlight-resistant, lead-free PVC outer jacket. All conductors are premium AA-8000 series aluminum alloy.

Specifications

- **Voltage Rating: 600V**
- **Conductor: AA-8000 Series Aluminum Alloy**
- **Insulation: XLPE (XHHW-2 rated)**
- **Configuration: Flat/Oval with Concentric Neutral**
- **Outer Jacket: Sunlight-Resistant PVC**
- **Standard: UL 854**

Farwalk Cable — SEU Service Entrance Cable

Complete Technical Tables

SEU Service Entrance Cable (Aluminum)

Size (AWG / kcmil)	No. of Phase Conductors	Neutral Size (AWG)	Approx. Dimension (mils/mm)	Approx. Weight (lb/kft)	Allowable Ampacity @ 90° C (Amps)
Aluminum Alloy AA-8000 SEU - 600V					
8-8-8 AWG	2	8	415 x 658 / 10.5 x 16.7	138	45
6-6-6 AWG	2	6	495 x 762 / 12.6 x 19.4	195	60
4-4-4 AWG	2	4	582 x 892 / 14.8 x 22.7	280	75
2-2-2 AWG	2	2	705 x 1085 / 17.9 x 27.6	415	100
1/0-1/0-1/0 AWG	2	1/0	895 x 1385 / 22.7 x 35.2	645	135
2/0-2/0-2/0 AWG	2	2/0	985 x 1525 / 25.0 x 38.7	785	150
4/0-4/0-4/0 AWG	2	4/0	1165 x 1845 / 29.6 x 46.9	1180	205