

# Aluminum SEU

## Service Entrance Cable

Type SE, Style U, XHHW-2 Insulated  
600V  
90°C Wet or Dry

### Description:

May be used as service-entrance conductors when installed as specified by the National Electrical Code® (NEC). May be used in wet or dry locations at 90°C.

### Materials:

**Stranded conductors:** Compact stranded AA-8000 series fully annealed aluminum alloy.

**Insulated conductors:** Type XHHW-2 conductors. XLPE (cross-linked polyethylene). Rated for use up to 90°C in wet or dry locations.

**Phase ID:** Solid colored black and red.

**Uninsulated conductor:** Bare conductor strands are helically wound around two parallel insulated conductors. Gray, sunlight-resistant PVC jacket over the complete assembly.

### Standards:

UL 44  
UL 854  
ASTM B-800  
ASTM B-801  
Federal Specification J-C-30B  
NFPA 70 (National Electrical Code)

### Surface Print:

Sample: 2 PHASE CDRS 6AWG  
1 NEUTRAL CDRS 6AWG AL  
AA-8000 TYPE SE STYLE U  
XHHW-2 XLPE 600V SUN RES  
(UL) E302630 <DATE> <SEQ FT>



Conductors		Covering	Approx. Overall Dimensions (in)	Allowable Ampacities*				Net Weight (Lbs/MFt)
Two Conductors AWG	Concentric AWG	Insulation (mils)		60°C	75°C	90°C	Dwelling **	
6-6	6	45	.430 x .687	40	50	55	—	144
2-2	2	45	.569 x .925	75	90	100	100	284
2/0 - 2/0	2/0	55	.736 x 1.221	115	135	150	150	514
4/0 - 4/0	2/0	55	.835 x 1.419	150	180	205	200	691
4/0 - 4/0	4/0	55	.878 x 1.462	150	180	205	200	764



\* Ampacities shown are for general use as specified by 2020 NEC® Table 310.16 and Section 338.10

\*\* For dwelling units, conductors are permitted at listed ampacities for 3-wire, single-phase service or feeder conductors that supply the total load. See 2020 NEC® 310.12.

Data are approximate and subject to normal manufacturing tolerances.

It is the sole responsibility of the end user to determine suitability of this product for its intended use and application.