

- 90°C Dry and Wet
- 600 Volts

ALUMINUM SEU

Type SE, Style U

Service Entrance XHHW-2 Insulated

APPLICATIONS

- May be used as service-entrance conductors when installed as required by NEC® Article 230
- May be used for branch circuits within a building as specified by the NEC® Section 338-3

CONDUCTORS

- Compact stranded AA-8000 Series aluminum alloy

CONDUCTOR INSULATION

- Type XHHW-2 conductors
- Black XLP (cross-linked polyethylene), rated 90°C in wet or dry locations
- One of the conductors has a red stripe on the surface of the insulation for polarity identification

NEUTRAL CONDUCTOR

- Bare conductor strands are helically wound around the two paralleled, insulated conductors

ASSEMBLY

- A glass-reinforced tape is applied over the conductors

JACKET

- A gray, sunlight resistant PVC (polyvinyl chloride) jacket is applied over the complete assembly

INDUSTRY STANDARDS

- UL 44 (insulated conductors)
- UL 854 Service Entrance Cables
- Federal Specification A-A-59544
- NFPA70: National Electrical Code®

SURFACE PRINT

- Sample: AA-8000 AL TYPE SE CABLE STYLE U XHHW-2 600V 2 CDRS. 2 AWG 1 CDR 4 AWG (UL)

Product Code Number	2 Conductors		Concentric AWG	Approx. O.D. Inches	Allowable Ampacities*				Approx. Net Wt. lbs./m ft.
	AWG Size	No. of Strands			60°C **	75°C ***	90°C ****	Dwelling *****	
530-3600	6-6	7	6	.458 x .720	40	50	60	-	143
530-4800	2-2	7	2	.559 x .919	75	90	100	100	282
530-6600	4/0-4/0	19	2/0	.818 x 1.406	150	180	205	200	692
530-6800	4/0-4/0	19	4/0	.857 x 1.445	150	180	205	200	762

* Per Table 310-16 NEC®
 ** For termination to equipment for circuits rated 100 amperes or less or marked for Nos. 14 through 1 conductors.
 *** For termination to equipment for circuits rated 100 amperes or marked for conductors larger than No. 1.
 **** Wet or dry locations.
 ***** For dwelling units, conductors shall be permitted at listed ampacities for 120/240 volt, 3 wire, single-phase service conductors that supply the total load.

Package Code	G	J
AWG Size	250' reel	500' reel
6-6-6		X
2-2-2		X
4/0-4/0-2/0		X
4/0-4/0-4/0	X	