

- XLP Aluminum Conductors/PVC Jacket
- 90°C Dry or Wet
- 600 Volts

ALUMINUM SER

Type SE, Style SER

Service Entrance XHHW-2 Insulated

APPLICATIONS

- May be used as service-entrance conductors and in other applications where SE cables are permitted when installed as specified by NEC® Article 230
- May be used in wet or dry locations at temperatures up to 90°C

INSULATED PHASE CONDUCTORS AND NEUTRAL

- Compact stranded AA-8000 Series aluminum alloy
- Type XHHW-2 conductors
- Black XLP (cross-linked polyethylene), rated 90°C wet or dry locations
- One of the phase conductors has a red stripe on the surface of the insulation for polarity identification
- The complete surface of the neutral conductor is painted white

BARE EQUIPMENT GROUNDING CONDUCTOR

- Compact stranded AA-8000 Series aluminum alloy

ASSEMBLY

- The insulated and bare conductors are twisted together
- 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
- National Electrical Code®

SURFACE PRINT

- Sample: AA-8000 AL TYPE SE CABLE STYLE R XHHW-2 600V 3 CDRS. 2 AWG 1 CDR. 4 AWG (UL)

Product Code Number	Insulated Conductors		Bare Equipment Ground 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 *****	
536-3600	6-6-6	7	6	0.650	40	50	60	-	182
536-4800	2-2-2	7	4	0.863	75	90	100	100	346
536-5600	1/0-1/0-1/0	19	2	1.061	100	120	135	125	526
536-6000	2/0-2/0-2/0	19	1	1.164	115	135	150	150	637
536-6800	4/0-4/0-4/0	19	2/0	1.390	150	180	205	200	948

* 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	J
AWG Size	500' spool or reel
6-6-6	X
2-2-2	X
1/0-1/0-1/0	X
2/0-2/0-2/0	X
4/0-4/0-4/0	X