

Aluminum SER



Type SE, Style SER
Service Entrance
XHHW-2 Insulated

**XLP Aluminum
Conductors**

600 Volts

**Easy Polarity
Identification**

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 dry, above-ground applications only 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 to 90°C in wet or dry locations
One phase conductor has a red stripe on its insulation surface for easy polarity identification

BARE EQUIPMENT GROUNDING CONDUCTOR

Compact stranded AA-8000 Series aluminum alloy

ASSEMBLY

Insulated and bare conductors are twisted together.
A glass-reinforced tape is applied over the conductors.

JACKET

Gray, sunlight-resistant PVC (polyvinyl chloride) jacket over the complete assembly

INDUSTRY STANDARDS

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

SURFACE PRINT

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

©2010, Cerro Wire LLC
All Rights Reserved



MADE IN THE USA

cerrowire

Electrical Division: 800.523.3869 | FAX 877.877.9563
Consumer Markets Division: 866.572.3776 | FAX 812.793.2626
www.cerrowire.com

A Marmon Wire & Cable/
Berkshire Hathaway Company

Aluminum SER

Type SE, Style SER

Service Entrance XHHW-2 Insulated

| PRODUCT CODE NUMBER | CONDUCTORS | BARE EQUIPMENT GROUND AWG | APPROX. O.D. INCHES | ALLOWABLE AMPACITIES* | | | APPROX. NET WT. LBS./M FT. | UPC CODE |
|---------------------|-------------|---------------------------|---------------------|-----------------------|------------|----------------|----------------------------|--------------|
| | AWG SIZE | | | 75° C **** | 90° C **** | DWELLING ***** | | |
| 536-3600J | 6-6-6 | 6 | 0.650 | 40 | 50 | 55 | 182 | 662927584553 |
| 536-4800J | 2-2-2 | 4 | 0.863 | 75 | 90 | 100 | 346 | 662927584706 |
| 536-5600J | 1/0-1/0-1/0 | 2 | 1.061 | 100 | 120 | 135 | 526 | 662927584805 |
| 536-6000J | 2/0-2/0-2/0 | 1 | 1.164 | 115 | 135 | 150 | 637 | 662927584850 |
| 536-6800J | 4/0-4/0-4/0 | 2/0 | 1.390 | 150 | 180 | 205 | 948 | 662927584959 |
| 536-7000J | 250-250-250 | 3/0 | 1.601 | 170 | 205 | 230 | 1106 | 662927585703 |

* Per Table 310-16 NEC®

** For termination to equipment for circuits rated 100 amperes or less or marked for Nos. 6 through 1 conductors.

*** For termination to equipment for circuits rated over 100 amperes or marked for conductors larger than No. 1.

**** 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 FT REEL |
| 6-6-6-6 | X |
| 2-2-2-4 | X |
| 1/0-1/0-1/0-2 | X |
| 2/0-2/0-2/0-1 | X |
| 4/0-4/0-4/0-2/0 | X |
| 250-250-250-3/0 | X |