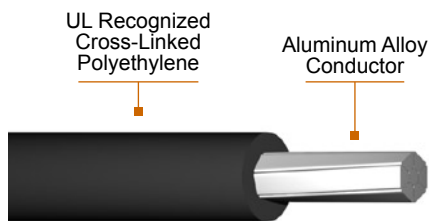


## RHH / RHW-2 / USE-2

Underground Service Entrance Cable, 600 V Aluminum Alloy Conductor,  
UL recognized cross-linked Polyethylene Insulated Wire



### Detail Description or Construction

#### Conductor

Compact Stranded Aluminum  
Alloy 8000 Series per ASTM B-801

#### Insulation

UL 44 and UL 854 recognized  
Cross-linked Polyethylene

### Application

The product can be installed as general purpose building wire, used in service entrance, feeders and branch circuits applications for residential, commercial, industrial and transportation environments for permanent installations utilizing 600 volts or less. Suitable for directly buried installations and can be used in environments where superior insulation toughness and chemical resistance is required.

The product high resistance to humidity makes this cable suitable for wet locations, for outdoors and for weather resistant use.

### Standards / Testing Specifications

- ASTM B800 and B801  
(for series 8000 conductor).
- UL 44 (for RHH/RHW-2)
- UL 854 (for USE-2).

### Marking

For USE-2 single rated: UL FILE (SIZE)  
AWG OR KCMIL AL TYPE USE-2 600 V  
XLPE (UL) (YEAR OF MANUFACTURE).

For RHH / RHW-2 / USE-2 triple rated:  
UL FILE (SIZE) AWG OR KCMIL AA-8000  
AL TYPE RHH / RHW-2 / USE-2 OR RHH  
OR RHW-2 600 V XLPE (UL)  
(YEAR OF MANUFACTURE).

### Installation

USE-2 cable is primarily used in direct-buried underground service entrance applications. RHH / RHW-2 / USE-2 cable can be installed in electrical metallic tubing, PVC conduits and other raceways, in free air messenger support or directly buried. It is recommended that the installation instructions indicated by the Local Electric Code, or any equivalent, be followed, so that the safeguarding of persons and the integrity of the product will not be affected by deficiencies in the installation.



## RHH / RHW-2 / USE-2

Underground Service Entrance Cable, 600 V Aluminum Alloy Conductor,  
UL recognized cross-linked Polyethylene Insulated Wire

Conductor		Conductor Diameter	Insulation Thickness	Nominal O.D.	Allowable Ampacities*			Approx. Net Weight per 1,000 feet	Standard Package
Size	Number of Wires**				60°C	75°C	90°C		
AWG or Kcmil			mils	mils	mils			lbs	feet / reel
6	7	169	60	292	40	50	60	49	4000
4	7	213	60	336	55	65	75	65	3000
2	7	268	60	391	75	90	100	94	2000
1	18	299	80	462	85	100	115	126	1500
1/0	18	335	80	499	100	120	135	151	1000
2/0	18	378	80	539	115	135	150	182	1000
3/0	18	423	80	586	130	155	175	221	1000
4/0	18	476	80	638	150	180	205	269	1000
250	35	520	95	713	170	205	230	326	1000
300	35	571	95	763	190	230	255	381	1000
350	35	614	95	809	210	250	280	435	1000
400	35	657	95	852	225	270	305	489	1000
500	35	736	95	929	260	310	350	595	1000
600	58	811	110	1,031	285	340	385	722	1000
700	58	877	110	1,100	310	375	420	829	1000
750	58	909	110	1,131	320	385	435	881	1000
1,000	58	1,059	110	1,283	375	445	500	1,145	1000

\*Allowable Ampacities: Allowable ampacities shown are for general use as specified by the National Electrical Code, 1999 Edition, section 310-15.  
 60°C - When terminated to equipment for circuits rated 100 amperes or less or marked for #14 through #1 conductors.  
 75°C - When terminated to equipment for circuits rated over 100 amperes or marked conductors larger than #1.  
 90°C - RHH / RHW-2 / USE-2 wet or dry location.

\*\*Except as permitted by UL standard 44, UL standard 854, and ASTM B801.