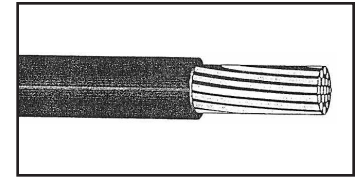


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## ALUMINUM RHH-2 / USE-2

**UNDERGROUND SERVICE ENTRANCE CABLE. 600 VOLT. ALUMINUM ALLOY (AA-8176) CONDUCTOR. CROSS-LINKED POLYETHYLENE (XLPE) INSULATION. HIGH-HEAT, AND MOISTURE RESISTANT.**

**APPLICATION:** The product can be installed as a 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. Thanks to its excellent performance in overload or short circuit situations, and its heavy wall thickness, the product is ideal for underground service entrance (USE) in wet locations. RHH/RHNW-2/USE-2 conductors are suitable for directly buried installations. RHH/RHW-2/USE-2 conductors can be used in environments where superior insulation toughness and chemical resistance is required. The product high resistance to humidity make this cable suitable for wet locations, for outdoors and for weather resistant use.

**DESCRIPTION:** Type RHH/RHW-2/USE-2 is a single insulated conductor of AA-8000 series aluminum alloy, compact stranded insulated with black thermoset cross-linked Polyethylene (XLPE); designed to operate not over 600 volts, nominal, and at a maximum operating temperature of 90°C dry or wet.

**INSTALLATION:** RHH/RHW-2/USE-2 conductors 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.

Catalog No.	Conductor size		Conductor Diameter (mils)	Insulation Thickness (mils)	Nominal O.D. (mils)	Allowable Ampacities*			Approx.net Weight per 1000 feet (lbs.)
	(AWG or kcmil)	Number of Wires**				60°C	75°C	90°C	
P01B3	8	7	134	60	257	30	40	45	36
P02B3	6	7	169	60	292	40	50	60	49
P03B3	4	7	213	60	336	55	65	75	65
P04B3	2	7	268	60	391	75	90	100	94
P05B3	1	18	299	80	462	85	100	115	126
P06B3	1/0	18	335	80	499	100	120	135	151
P07B3	2/0	18	378	80	539	115	135	150	182
P08B3	3/0	18	423	80	586	130	155	175	221
P09B3	4/0	18	476	80	638	150	180	205	269
P10B3	250	35	520	95	713	170	205	230	326
P11B3	300	35	571	95	763	190	230	255	381
P12B3	350	35	614	95	809	210	250	280	435
P13B3	400	35	657	95	852	225	270	305	489
P14B3	500	35	736	95	929	260	310	350	595
P15B3	700	58	877	110	1,100	310	375	420	829
P16B3	750	58	909	110	1,131	320	385	435	881
P17B3	1,000	58	1,059	110	1,283	375	445	500	1,145

\*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 dry locations. RHW2 and USE-2 wet or dry locations.

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

**1-800-945-5542**

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