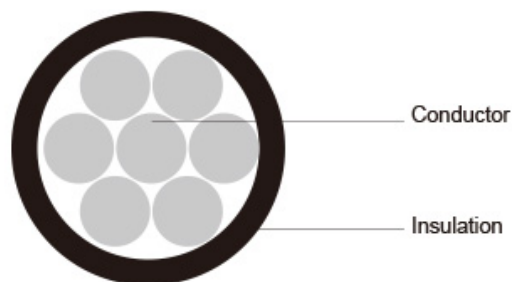


American Standard UL Industrial Cables RHH/RHW-2, Single AL Conductor, 2000V

**Application and Description**

Type RHH, RHW-2 copper wire is for use from the lower control box at the base of the wind power tower and out to the step-up transformer through conduit, and industrial environments where superior insulation toughness and chemical resistance is required. The maximum operating temperature not to exceed 90°C in

Cable Construction**Conductor**

Stranded compacted aluminum(AA-8000 series)

Insulation

Flame-retardant Cross-Linked Polyethylene (XLPE)

Color

upon request, black is preferable

Technical Characteristics

- National Electric Code (NEC)
- UL 44 Stranded for rubber-insulated wires and cables
- ICEA S-95-685/NEMA WC70
- UL listed as Type RHH/RHW-2
- OSHA acceptable

Cable Parameter

AWG or kcmil	Strand	Conductor Diameter Inch/mm		Nominal insulation Thickness Inch/mm		Nominal Overall Diameter Inch/mm		Aluminum Weight Lbs/kft kg/km		Cable Weight Lbs/kft kg/km	
8	7	0.134	3.40	0.070	1.78	0.285	7.20	15.49	23.05	38.15	56.78
6	7	0.169	4.29	0.070	1.78	0.320	8.10	24.60	36.61	51.08	76.01
4	7	0.213	5.41	0.070	1.78	0.360	9.10	40.20	59.82	71.50	106.40
2	2	0.268	6.81	0.070	1.78	0.420	10.70	62.40	92.86	100.10	148.96
1	18	0.301	7.65	0.090	2.29	0.495	12.60	77.81	115.79	133.76	199.05
1/0	18	0.339	8.61	0.090	2.29	0.530	13.50	100.12	148.99	160.82	239.32
2/0	15	0.379	9.63	0.090	2.29	0.580	14.70	123.90	184.38	191.50	284.97
3/0	18	0.426	10.82	0.090	2.29	0.615	15.60	156.22	232.47	228.68	340.30
4/0	18	0.476	12.09	0.090	2.29	0.665	16.90	201.40	299.70	281.10	418.31
250	35	0.524	13.31	0.105	2.70	0.745	18.90	233.50	347.47	336.15	500.23
350	35	0.619	15.72	0.105	2.70	0.840	21.30	330.90	492.41	448.90	668.00
500	35	0.740	18.80	0.105	2.70	0.960	24.40	467.10	695.09	604.77	899.96
600	58	0.820	20.83	0.105	2.70	1.040	26.40	559.50	832.59	710.14	1056.76

750	58	0.910	23.11	0.120	3.05	1.175	29.90	700.50	1042.41	901.20	1341.08
1000	58	1.060	26.92	0.120	3.05	1.325	33.70	939.00	1397.33	1168.00	1738.10