

# RHH/RHW-2 XLPE, Low-Voltage Power, Unshielded

## 2000V, UL Type RHH/RHW-2

**Product Construction:**

**Conductor:**

- 8 AWG thru 1000 kcmil compacted aluminum ACM (AA-8000 Series)

**Insulation:**

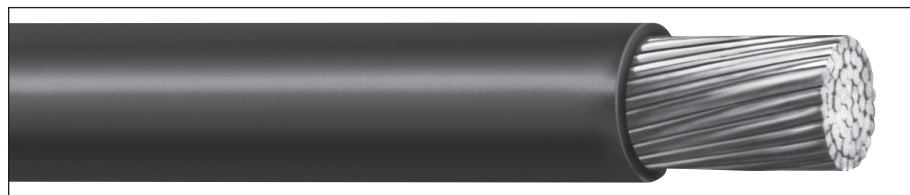
- Flame-retardant Cross-Linked Polyethylene (XLPE) - Black

**Print:**

- GENERAL CABLE (SQ) AWG/KCMIL TYPE RHH/RHW-2 SR CT (UL) 2000V (MM/YYYY) SEQUENTIAL FOOTAGE MARK  
\*Sizes smaller than 1/0 AWG do not include the "CT" marking.

**Applications:**

- For use from the lower control box at the base of the wind power tower and out to the step-up transformer through conduit
- General purpose building wire for use in air and approved raceways
- Industrial environments where superior insulation toughness and chemical resistance is required
- Maximum operating temperature not to exceed 90°C in wet or dry locations



**Features:**

- Rated at 90°C wet or dry
- UV resistant - black is marked SR
- Smaller cable O.D.
- Excellent electrical, thermal and physical properties
- Excellent resistance to moisture
- Excellent resistance to crush, compression cuts and heat deformation

**Packaging:**

- Material stocked and shipped on 1,000' non-returnable wood reels
- Material can be produced and cut to length upon request
- All produced or cut-to-order material will be shipped on non-returnable wooden reels unless specifically requested

**Compliances:**

- National Electric Code (NEC)
- UL 44 Stranded for rubber-insulated wires and cables
- "CT" for 1/0 AWG and larger in accordance with NEC
- ICEA S-95-685/NEMA WC70
- UL listed as Type RHH/RHW-2
- OSHA acceptable

CATALOG NUMBER	CONDUCTOR SIZE (AWG/kcmil)	NO. OF WIRES <sup>1</sup>	NOMINAL CONDUCTOR DIAMETER		MINIMAL AVERAGE INSULATION THICKNESS		NOMINAL CABLE O.D.		NOMINAL ALUMINUM WEIGHT		NET WEIGHT	
			INCHES	mm	INCHES	mm	INCHES	mm	LBS/1000 FT	kg/km	LBS/1000 FT	kg/km
<b>8 AWG - 1000 kcmil CONDUCTORS</b>												
522582M*	8	7	0.134	3.40	0.070	1.78	0.285	7.20	16	23	38	57
650981M*	6	7	0.169	4.29	0.070	1.78	0.320	8.10	25	37	51	76
589692M*	4	7	0.213	5.41	0.070	1.78	0.360	9.10	39	58	72	106
313406M*	2	7	0.268	6.81	0.070	1.78	0.420	10.70	62	93	100	149
149512M*	1	18	0.299	7.59	0.090	2.29	0.495	12.60	79	117	134	199
827197M*	1/0	18	0.336	8.53	0.090	2.29	0.530	13.50	99	148	160	239
977766M*	2/0	18	0.376	9.55	0.090	2.29	0.580	14.70	125	186	192	285
861898M*	3/0	18	0.423	10.70	0.090	2.29	0.615	15.60	158	235	229	340
763699M*	4/0	18	0.475	12.10	0.090	2.29	0.665	16.90	199	296	281	418
607078M*	250	35	0.520	13.20	0.105	2.70	0.745	18.90	235	350	336	500
506887M*	350	35	0.616	15.60	0.105	2.70	0.840	21.30	329	490	449	668
292686M*	500	35	0.736	18.70	0.105	2.70	0.960	24.40	471	701	605	900
526839M	600	58	0.813	20.70	0.120	3.05	1.075	27.30	565	841	736	1094
883753M*	750	58	0.908	23.10	0.120	3.05	1.175	29.90	706	1050	901	1341
614607M	1000	58	1.060	26.90	0.120	3.05	1.325	33.70	941	1400	1168	1738

Dimensions and weights are nominal; subject to industry tolerances.  
\*Non-stock item, minimum runs apply. Please consult customer service for price and delivery.  
<sup>1</sup>Minimum number of wires utilized for compact-stranded constructions.