

STABILOY® Brand Zephyr2000™

XLPE, Low-Voltage Power
2000 V, UL Type RHH/RHW-2, Single Conductor, Aluminum



Product Construction:

Conductor:

- 6 AWG thru 2 AWG Class B compact stranded aluminum alloy (8000 Series) per ASTM B800 and ASTM B801
- 1 AWG thru 350 kcmil compact stranded SIW aluminum alloy (8000 Series) per ASTM B800, ASTM B801 and ASTM B836
- 400 kcmil thru 1000 kcmil Class B compact stranded aluminum alloy (8000 Series) per ASTM B800 and ASTM B801

Insulation:

- Flame-retardant Cross-linked Polyethylene (XLPE)

Print:

- GENERAL CABLE® (PLANT OF MFG) SIZE (AWG OR KCML) (MM²) COMPACT STABILOY® AA-8030 AL XLPE 2000 V RHH RHW-2 SUN RES (UL) ZEPHYR2000™ YEAR DATE (TIME OF MFG)

Options:

- Other sizes and stranding options available upon request
- VW-1 Flame Rating
- "FOR CT USE" for 1/0 AWG and larger
- Available in black and full color skin coat

Applications:

- STABILOY® Brand Zephyr2000™ is the aluminum conductor solution for wind power generation, from the turbine to the step-up transformer
- Installed in raceways in accordance with the requirements of the NEC® and may be used in cable trays when marked "FOR CT USE"
 - Suitable for use in special applications such as wind power generation

Features:

- Oil Resistant PRI/PRII
- Gas and Oil Res GRI/GRII
- Rated 90°C wet or dry locations
- Sunlight-resistant RHH/RHW-2 (XLPE)
- Meets cold bend and cold impact tests at -40°C
- Excellent electrical, thermal and physical properties
- Resistant to crush, compression cuts and heat deformation

Compliances:

- Industry Compliances:**
- UL 44 Type RHH/RHW-2, UL File #E39406
 - National Electrical Code (NEC®)
- Flame Test Compliances:**
- UL 2556 Horizontal Burn
 - CT UL 1685, RHH/RHW-2
 - UL 2556 VW-1
- Other Compliances:**
- OSHA Acceptable
 - RoHS Compliant

Packaging:

- Material cut to length and shipped on non-returnable wood reels



CATALOG NUMBER	COND. SIZE (AWG/kcmil)	NUMBER OF WIRES	NOMINAL CONDUCTOR DIAMETER		MIN. AVG. INSULATION THICKNESS		NOM. CABLE DIAMETER		ALUMINUM CONDUCTOR WEIGHT		NET WEIGHT	
			IN	mm	IN	mm	IN	mm	LBS/1000 FT	kg/km	LBS/1000 FT	kg/km
6 AWG - 1000 kcmil CONDUCTORS												
80006*	6	7	0.169	4.29	0.070	1.78	0.309	7.85	25	37	49	73
80004*	4	7	0.213	5.41	0.070	1.78	0.353	8.97	39	58	68	101
80002*	2	7	0.268	6.81	0.070	1.78	0.408	10.36	62	92	96	143
80001*	1	8	0.298	7.57	0.090	2.29	0.478	12.14	79	118	129	192
80110*	1/0	10	0.337	8.56	0.090	2.29	0.517	13.13	99	147	155	231
80210*	2/0	12	0.374	9.50	0.090	2.29	0.554	14.07	125	186	186	277
80310*	3/0	16	0.421	10.69	0.090	2.29	0.601	15.27	158	235	225	335
80410*	4/0	19	0.470	11.94	0.090	2.29	0.650	16.51	199	296	272	405
80250*	250	23	0.514	13.06	0.105	2.67	0.724	18.93	235	350	327	487
80300*	300	22	0.566	14.38	0.105	2.67	0.776	19.71	282	420	382	568
80350*	350	26	0.607	15.42	0.105	2.67	0.817	20.75	329	490	436	649
80400*	400	37	0.659	16.74	0.105	2.67	0.869	22.07	376	560	485	722
80500*	500	37	0.736	18.69	0.105	2.67	0.946	24.03	471	701	590	878
80600*	600	61	0.813	20.65	0.120	3.05	1.053	26.75	565	841	715	1064
80750*	750	61	0.908	23.06	0.120	3.05	1.148	29.16	706	1051	872	1298
80100*	1000	61	1.060	26.92	0.120	3.05	1.300	33.02	941	1400	1133	1686

Dimensions and weights are nominal; subject to industry tolerances.
* Non-stock item; minimum runs apply. Please consult Customer Service for price and delivery.

COLOR CODE CHART

COLOR CODE	COLOR	COLOR CODE	COLOR
1	Black	7	Blue
2	White	8	Orange
3	Red	9	Gray
4	Green	A	Purple
5	Yellow	C	Tan
6	Brown		

Renewable Energy Cable