STABILOY® Brand USE-2/RHH/RHW-2

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

Product Construction:

Conductor:
- 6 AWG thru 4 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 KCMIL) (MM^2) COMPACT STABILOY® AA-8030 AL XLPE 600 V USE-2 OR RHH OR RHW-2 SUN RES (UL) YEAR DATE (TIME OF MFG)

Options:
- Other sizes and stranding options available upon request

Applications:
- STABILOY® Brand Type USE-2/RHH/RHW-2 cable is designed for use in residential, commercial and industrial building applications, and also in underground power distribution and network systems. The cable is also listed for RHH or RHW-2 and is suitable for installation on both sides of service-point
- Triple-Rated (USE-2 or RHH or RHW-2 URD) conductors can be used as Type USE-2 direct-buried underground service entrance cable, but are also listed as RHH and RHW-2, making them suitable for interior and exterior applications in raceways for general purpose lighting and power circuits covered under the National Electrical Code®
- 600 V approved for use as specified by the NEC®

Features:
- Rated 90°C wet or dry locations
- Oil Resistant PRI/PRII
- Gas and Oil Res GRI/GRII
- UV/sunlight-resistant, moisture-resistant and flame-retardant insulation
- Meets cold bend and cold impact tests at -40°C
- Excellent electrical, thermal and physical properties
- Resistant to crush, compression cuts and heat deformation
- STABILOY® Brand AA-8000 aluminum alloy conductors are lightweight and provide increased flexibility for easy installation

Compliances:
Industry Compliances:
- UL 854 Type USE-2, UL File #E39725
- UL 44 for Types RHH and RHW-2, UL File #E39406
- National Electrical Code (NEC®)

Flame Test Compliances:
- UL 2556 Horizontal Burn

Other Compliances:
- OSHA Acceptable
- RoHS Compliant

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

CATALOG NUMBER	COND. SIZE (AWG/kcmil)	NO. OF WIRES	NOMINAL CONDUCTOR DIAMETER		MIN. AVG. INSULATION THICKNESS		NOMINAL CABLE DIAMETER		ALUMINUM CONDUCTOR WEIGHT		NET WEIGHT		AMPACITY (1) 30°C AMBIENT	
			IN	mm	IN	mm	IN	mm	LBS/ 1000 FT	kg/km	LBS/ 1000 FT	kg/km	@75°C	@90°C
6 AWG - 1000 kcmil CONDUCTORS														
86006	6	7	0.169	4.29	0.060	1.52	0.289	7.34	25	37	45	67	50	55
86004	4	7	0.213	5.41	0.060	1.52	0.333	8.46	39	58	63	94	65	75
86002	2	7	0.268	6.81	0.060	1.52	0.388	9.86	63	94	91	135	90	100
86001	1	8	0.298	7.57	0.080	2.03	0.458	11.63	79	118	123	183	100	115
86110	1/0	10	0.337	8.56	0.080	2.03	0.497	12.62	99	147	148	220	120	135
86210	2/0	12	0.374	9.50	0.080	2.03	0.534	13.56	125	186	179	266	135	150
86310	3/0	16	0.421	10.69	0.080	2.03	0.581	14.76	158	235	218	324	155	175
86410	4/0	19	0.470	11.94	0.080	2.03	0.630	16.00	199	296	264	393	180	205
86250	250	23	0.514	13.06	0.095	2.41	0.704	17.88	235	350	319	475	205	230
86300*	300	22	0.566	14.38	0.095	2.41	0.756	19.20	282	420	374	557	230	260
86350	350	26	0.607	15.42	0.095	2.41	0.797	20.24	329	490	427	635	250	280
86400*	400	37	0.659	16.74	0.095	2.41	0.849	21.56	377	561	475	707	270	305
86500	500	37	0.736	18.69	0.095	2.41	0.926	23.52	471	701	580	863	310	350
86600*	600	61	0.813	20.65	0.110	2.79	1.033	26.24	565	841	704	1048	340	385
86750	750	61	0.908	23.06	0.110	2.79	1.128	28.65	706	1051	860	1280	385	435
86100*	1000	61	1.060	26.92	0.110	2.79	1.280	32.51	941	1400	1120	1667	445	500

Dimensions and weights are nominal; subject to industry tolerances.
* Non-stock item; minimum runs apply. Please consult Customer Service for price and delivery.
(1) Ampacities per NEC® Table 310.15(B)(16). Adjustment and corrections may apply.
Dwelling - For dwelling units, conductors shall be permitted as listed ampacities at 120/240-volt, 3-wire, single-phase services and feeders.

General Cable

RoHS Compliant
Directive 2011/65/EU

STABILOY BRAND