

STABILOY® Brand Service Entrance Cable (SEU)

XLPE, Low-Voltage Power

600 V, UL Type SE Style U, Multi-Conductor, Aluminum

Product Construction:

Conductor:

- 8 AWG thru 2 AWG Class B compact stranded aluminum alloy (8000 Series) per ASTM B800 and ASTM B801
- 1 AWG thru 4/0 AWG compact stranded SIW aluminum alloy (8000 Series) per ASTM B800, ASTM B801 and ASTM B836

Insulation:

- Flame-retardant Cross-linked Polyethylene (XLPE)
- Type XHHW-2

Jacket:

- Sunlight-resistant Polyvinyl Chloride (PVC), gray

Print:

- GENERAL CABLE® (PLANT OF MFG) STABILOY® AA-8030 AL TYPE SE CABLE STYLE U XHHW-2 600 V 2 CDRS SIZE AWG (MM²) 1 CDR SIZE AWG (MM²) SUN RES (UL) YEAR DATE (TIME OF MFG) SEQUENTIAL FOOTAGE

Applications:

- STABILOY® Brand SEU cable is used in service and feeder applications for dwelling units and other interior wiring applications
- Above-ground service entrance and branch circuit
 - Maximum operating temperature not to exceed 90°C in wet or dry locations
 - 600 V approved for use as specified by the NEC®

Features:

- Oil Resistant PRI/PRII
- Gas and Oil Res GRI/GRII
- UV/sunlight-resistant, moisture-resistant and flame-retardant insulation
- Excellent electrical, thermal and physical properties
- Smaller cable O.D.
- Meets cold bend and cold impact tests at -40°C

Compliances:

Industry Compliances:

- UL 854 Type SE Style U, UL File #E39725
- UL 44 for Types RHH and RHW-2, UL File #E39406
- National Electrical Code (NEC®)

Flame Test Compliances:

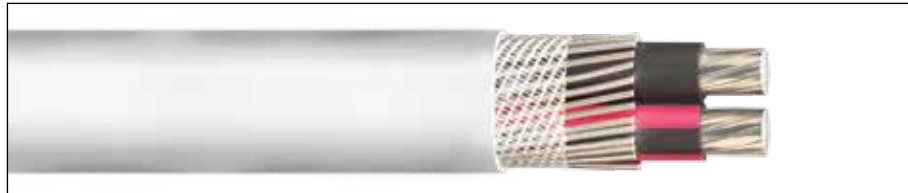
- UL 1581, Vertical Flame 1061

Other Compliances:

- OSHA Acceptable
- RoHS Compliant

Packaging:

- Material available in standard packages and shipped on non-returnable wood reels



PHASE CONDUCTORS				BARE GROUND			NOMINAL CABLE DIAMETER		ALUMINUM CONDUCTOR WEIGHT		NET WEIGHT		AMPACITY (1) 30°C AMBIENT		
SIZE		NO. OF WIRES	INS. THKN.		SIZE										NO. OF WIRES
AWG	mm²		IN	mm	AWG	mm²	IN	mm	LBS/ 1000 FT	kg/ km	LBS/ 1000 FT	kg/ km	@75°C	@90°C	
8 AWG - 4/0 AWG CONDUCTORS															
8	8.4	7	0.045	1.14	8	8.4	6	0.398 x 0.622	10.1 x 15.8	47	70	100	149	40	45
6	13.3	7	0.045	1.14	6	13.3	8	0.441 x 0.700	11.2 x 17.8	74	110	135	201	50	55
4	21.1	7	0.045	1.14	6	13.3	8	0.485 x 0.788	12.3 x 20.0	104	155	174	259	65	75
4	21.1	7	0.045	1.14	4	21.1	12	0.488 x 0.791	12.4 x 20.1	118	176	189	281	65	75
2	33.6	7	0.045	1.14	4	21.1	12	0.543 x 0.901	13.8 x 22.9	165	246	248	369	90	100
2	33.6	7	0.045	1.14	2	33.6	19	0.543 x 0.901	13.8 x 22.9	188	280	271	403	90	100
1*	42.4	8	0.055	1.40	1	42.4	19	0.607 x 1.015	15.4 x 25.8	236	351	342	509	100	115
1/0*	53.5	10	0.055	1.40	2	33.6	19	0.566 x 1.013	14.4 x 25.7	261	388	377	561	120	135
1/0*	53.5	10	0.055	1.40	1/0	53.5	24	0.646 x 1.093	16.4 x 27.8	298	443	415	618	120	135
2/0	67.4	12	0.055	1.40	1	42.4	19	0.683 x 1.166	17.3 x 29.6	329	490	456	679	135	150
2/0	67.4	12	0.055	1.40	2/0	67.4	24	0.700 x 1.183	17.8 x 30.0	376	560	504	750	135	150
3/0*	85.0	16	0.055	1.40	3/0	85.0	24	0.765 x 1.296	19.4 x 32.9	474	705	616	917	155	175
4/0	107.2	19	0.055	1.40	2/0	67.4	24	0.796 x 1.376	22.2 x 35.0	524	780	680	1012	180	205
4/0	107.2	19	0.055	1.40	4/0	107.2	24	0.835 x 1.415	21.2 x 35.9	598	890	756	1125	180	205

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.