

General Cable's 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. Because the cable is also listed for RHH or RHW-2, it is suitable for installation on both sides of service-point and where the service-point is located within the envelope of the building.

STABILOY Brand USE-2 cable is a single, compact stranded aluminum alloy conductor with a cross-linked polyethylene (XLPE) insulation.

## Product Features:

- Rated for 600V
- Additional options include:
  - 600V RHH or RHW-2 conductors rated for "CT USE"
  - 2000V RHH or RHW-2 conductors
  - 2000V RHH or RHW-2 conductors rated for "CT USE"
- Cross-linked polyethylene (XLPE) insulation on the aluminum alloy conductors is rated for a maximum operating temperature of 90° C in wet and dry locations
- Insulation is free of harmful heavy metals in compliance with RoHS, Directive 2002/95/EC
- Sunlight resistant, moisture resistant and flame-retardant insulation
- STABILOY Brand aluminum alloy conductors provide maximum conductivity by carrying twice the ampacity per pound as equivalent copper conductors.
- Terminates safely with industry standard dual rated aluminum lugs
- STABILOY Brand AA-8030 aluminum alloy conductors are lightweight and provide increased flexibility for easy installation
- Meets the requirements of Underwriters Laboratories Inc., Standard 854 for Type USE-2 and Standard 44 for Types RHH and RHW-2

## Application:

- 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®

*\*Note: Triple-rated URD can be used whether the service point is outside or within the structure*



Size (AWG or kcmil)	NOMINAL DIMENSIONS			NOMINAL WEIGHT (LBS./MFT)		STANDARD PACKAGE	
	Insulation Thickness (mils)	Conductor Diameter (inches)	USE-2 Diameter (inches)	Bare Conductor	Total	Length (feet)	Reel
600V Cable							
6	60	.169	.290	25	44	1000'	NRC 16.15
4	60	.213	.335	39	63	1000'	NRC 16.15
2	60	.268	.390	62	92	1000'	NRC 21.15
1	80	.299	.460	79	122	1000'	NRC 21.15
1/0	80	.336	.500	99	148	1000'	NRC 21.18
2/0	80	.376	.540	125	179	1000'	NRC 24.15
3/0	80	.423	.590	157	217	1000'	NRC 24.18
4/0	80	.475	.635	199	265	1000'	NRC 27.18
250	95	.520	.710	235	320	1000'	NRC 30.18
300	95	.570	.760	282	374	1000'	NRC 30.24
350	95	.616	.810	329	428	1000'	NRC 30.24
400	95	.659	.850	376	482	1000'	NRC 32.24
500	95	.736	.930	469	588	1000'	NRC 32.24
600	110	.813	1.035	563	713	1000'	NRC 36.24
700	110	.877	1.100	657	818	1000'	NRC 40.24
750	110	.908	1.130	704	870	1000'	NRC 40.24
900	110	.999	1.219	847	1030	1000'	NRC 48.28
1000	110	1.060	1.280	939	1132	1000'	NRC 48.28
2000V Cable							
6	70	.169	.309	25	49	1000'	NRC 16.15
4	70	.213	.353	39	69	1000'	NRC 16.15
2	70	.268	.408	62	98	1000'	NRC 21.15
1	90	.299	.479	79	133	1000'	NRC 21.15
1/0	90	.336	.516	99	159	1000'	NRC 21.18
2/0	90	.376	.556	125	192	1000'	NRC 24.15
3/0	90	.423	.603	157	232	1000'	NRC 24.18
4/0	90	.475	.655	199	282	1000'	NRC 27.18
250	105	.520	.730	235	339	1000'	NRC 30.18
300	105	.570	.780	282	396	1000'	NRC 30.24
350	105	.616	.826	329	452	1000'	NRC 30.24
400	105	.659	.869	376	496	1000'	NRC 32.24
500	105	.736	.946	469	602	1000'	NRC 32.24
600	120	.813	1.053	563	731	1000'	NRC 36.24
700	120	.877	1.117	657	837	1000'	NRC 40.24
750	120	.908	1.148	704	889	1000'	NRC 40.24
900	120	.999	1.239	847	1048	1000'	NRC 48.28
1000	120	1.06	1.300	939	1153	1000'	NRC 48.28

Notes:

1. Data are approximate and subject to normal manufacturing tolerances.
2. Standard lengths are subject to normal manufacturing tolerances of ±10%.
3. Two, three or four conductors can be paralleled on a reel.
4. The suffix -2 indicates that these wire types can be used at a continuous 90° C operating temperature in wet and dry locations.



4 Tesseneer Drive, Highland Heights, Kentucky 41076-9753

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Phone: 1.855.720.2792

1.859.572.8000

Fax: 1.800.547.8249

www.stabiloy.com

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