

For residential applications, General Cable's STABILOY® Brand SE Style R (SER) Service Entrance Cable can be used for both above ground service entrance and interior wiring applications. Our SER cable meets or exceeds the requirements of Underwriters Laboratories, Inc. Standard 854 and is approved for use in accordance with the requirements of the NEC® as Type SE. STABILOY® Brand aluminum alloy conductor is recognized by ASTM in Standards B800, B801, and B836.

STABILOY Brand SER cable is an assembly of two, three or four insulated conductors and a bare equipment ground that are twisted together and wrapped with a glass-reinforced tape, then covered with an extruded PVC jacket. The insulated conductors in SER cable are phase-identified.

Product Features:

- Sunlight resistant, moisture resistant and flame retardant jacket enhances the life of the cable
- Environmentally friendly lead-free and cadmium-free Polyvinyl Chloride (PVC) jacket
- STABILOY Brand AA-8030 aluminum alloy conductors are lightweight and provide increased flexibility for easy installation
- 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; the SE cable assembly is listed for use at 75° C
- Insulation is free of harmful heavy metals in compliance with RoHS, Directive 2002/95/EC
- Sequential footage marking ensures measurement accuracy
- 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

Application:

STABILOY Brand SER cable is used in service and feeder applications for dwelling units and other interior wiring applications.

- For overhead service entrance applications and wiring from the meter to the panel board
- Suitable for use as branch circuits and frequently used for heating and air conditioning unit equipment, ranges, dryers and similar equipment within homes



Insulated Conductor (AWG or kcmil)	Bare Conductor (AWG or kcmil)	Nominal Diameter (inches)	NOMINAL WEIGHT (LBS/1000 FT)		STANDARD PACKAGE	
			Bare Conductor	Total	Length (feet)	Reel (inches)
TWO CONDUCTOR SER with a Bare Ground						
8	8	0.523	46	97	1000	24x15
6	6	0.593	74	133	1000	24x18
4	6	0.681	104	173	1000	27x18
4	4	0.682	118	188	1000	27x18
2	4	0.791	165	248	1000	30x18
2	2	0.796	188	272	1000	30x18
1	1	0.897	237	340	1000	30x24
1/0	2	0.967	261	381	500	24x18
1/0	1/0	0.974	299	419	500	27x18
2/0	1	1.047	330	462	500	27x18
2/0	2/0	1.058	377	510	500	30x18
4/0	2/0	1.245	523	690	500	30x24
4/0	4/0	1.268	599	766	500	30x24
THREE CONDUCTOR SER with a Bare Ground						
8	8	0.588	61	128	1000	24x18
6	6	0.684	99	177	1000	27x18
4	6	0.754	143	234	1000	30x24
2	4	0.893	228	336	1000	30x24
1	3	1.003	287	422	1000	34x26
1/0	2	1.097	362	521	500	30x24
2/0	1	1.197	456	633	500	30x24
3/0	1/0	1.314	576	774	500	32x24
4/0	2/0	1.443	726	948	500	36x24
250	3/0	1.601	863	1133	500	40x24
300	4/0	1.741	1046	1342	500	42x26
FOUR CONDUCTOR SER with a Bare Ground						
2	4	1.004	291	425	1000	36X24
2/0	1	1.346	581	807	500	36X24
4/0	2/0	1.621	926	1204	500	40X24
250	3/0	1.798	1098	1438	500	42X26
300	4/0	1.950	1329	1701	500	42.28

NOTES:

1. Data are approximate and subject to normal manufacturing tolerances.
2. Standard lengths are subject to normal manufacturing tolerances of ±10%.



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