



### Voltage

600V or less

### Construction

Sino-cables SE Type is constructed with sunlight resistant resistant Type XHHW-2 conductors. Aluminum conductors are AA-8000 series Aluminum Alloy, Compact stranded.

SE Style R Cable assembly plus reinforcement tape are jacketed with gray sunlight resistant polyvinyl chloride(PVC). Available as 2 conductor ( 2 insulated phase conductors, bare ground), 3 conductor(2 insulated phase conductors, insulated neutral, bare equipment ground), or 4 conductor(3 insulated phase conductors, insulated neutral, bare equipment ground) .

SE Style U Cable assembly plus an overall concentrically applied neutral and reinforcement tape are jacketed with gray sunlight resistant polyvinyl chloride (PVC).

[Copper conductor is also available.](#)

### Standard

UL 44, UL 854, Federal Specification A-A-59544, and requirements of the NEC.

### Features

1. -40°C----90°C
2. Moisture and Sunlight Resistant.
3. VW-1 or higher required by UL.

### Applications

1. SE, service entrance cable is used to convey power from service drop to the meter base and from the meter base to the distribution panelboard; however, it may be used in all applications where Type SE cable is permitted
2. may be used in wet or dry locations at temperatures not to exceed 90°C.

### Package

steel & wooden reel, wooden reel, steel reel, in coils on wooden tray, or other requirements by customers.



[www.sino-cables.com](http://www.sino-cables.com)

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WEIGHTS AND MEASUREMENTS							Approx. Net Weight per 1000' (lbs)
CONDUCTOR SIZE/CONSTRUCTION (AWG/kcmil)	NOMINAL O.D. (mils)	ALLOWABLE AMPACITIES*					
		60°C	75°C	90°C	DWELLING		
SER ALUMINUM TWO CONDUCTOR WITH BARE GROUND (FORMERLY REFERRED TO AS "EZ-SE")							
6-6-6	625	40	50	60	—	145	
4-4-4	735	55	65	75	—	198	
4-4-6	730	55	65	75	—	194	
2-2-2	854	75	90	100	100	284	
2-2-4	850	75	90	100	100	280	
2/0-2/0-1	1110	115	135	150	150	515	
2/0-2/0-2/0	1140	115	135	150	150	520	
4/0-4/0-2/0	1305	150	180	205	200	775	
4/0-4/0-4/0	1335	150	180	205	200	767	
SER THREE CONDUCTOR WITE BARE GROUND (FORMERLY REFERRED TO AS "FOUR CONDUCTOR")							
8-8-8-8	603	30	40	45	—	130	
6-6-6-6	707	40	50	60	—	187	
4-4-4-6	805	55	65	75	—	246	
2-2-2-4	947	75	90	100	100	350	
1-1-1-3	1059	85	100	115	110	440	
1/0-1/0-1/0-2	1138	100	120	135	125	535	
2/0-2/0-2/0-1	1235	115	135	150	150	648	
3/0-3/0-3/0-1/0	1353	130	155	175	175	781	
4/0-4/0-4/0-2/0	1495	150	180	205	200	952	
250-250-250-3/0	1597	170	205	230	225	1417	
SER FOUR CONDUCTOR WITE BARE GROUND (FORMERLY REFERRED TO AS "FIVE CONDUCTOR")							
2-2-2-2-4	1044	75	90	100	100	446	
2/0-2/0-2/0-2/0-1	1393	115	135	150	150	816	
4/0-4/0-4/0-4/0-2/0	1658	150	180	205	200	1210	
250-250-250-250-3/0	1817	170	205	230	225	1925	
SEU TWO CONDUCTOR WITH BARE CONCENTRIC GROUND (FORMERLY REFERRED TO AS "THREE CONDUCTOR")							
6-6-6	440*687	40	50	60	—	142	
4-4-4	501*800	55	65	75	—	192	
4-4-6	495*775	55	65	75	—	189	
2-2-2	560*925	75	90	100	100	279	
2-2-4	556*910	75	90	100	100	263	
2/0-2/0-2/0	730*1221	115	135	150	150	508	
2/0-2/0-1	715*1205	115	135	150	150	491	
4/0-4/0-4/0	866*1462	150	180	205	200	755	
4/0-4/0-2/0	843*1419	150	180	205	200	685	

**\*Allowable Ampacities:**

Allowable ampacities shown are for general use specified by the NEC .2008 Edition. section 310.15.

60°C-When terminated to equipment for circuits rated 100 amperes or less or marked for 14 through 1AWG conductors.

75°C-When terminated to equipment for circuits rated over 100 amperes or marked for conductors larger than 1AWG .

Dwelling-For units. Conductors shall be permitted at listed ampacities as 120/240 volt.3-wire.single-phase services and feeders.

All conductors are compact stranded construction complying with UL standard 44.

\*All values are nominal subject to correction.