



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

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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.