



Voltage

1KV

Construction

Sino cables type RWU90 1kv is AA-8000 series Aluminum Alloy, compact stranded. Insulation is abrasion, moisture, heat, and sunlight resistant, low temperature and fire retardant cross-linked polyethylene (XLP).

[Copper conductor is also available.](#)

Standard

CSA Spec. C22.2, No. 38-05 , [or other standards required by customers.](#)

Features

1. -40°C ----90°C, RoHs compliant.
2. Abrasion, high-Heat and Moisture and Sunlight Resistant.
3. VW-1 or higher required by UL.

Applications

1. Sino cables type RWU90 1kv is for use For use above or below ground in solar applications.
2. direct burial.

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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Conductor		Insulation Thickness inches	Approximate Diameter inches	Approximate Weight Lbs/1000 ft	Ampacity 30°C Ambient					
Size (AWG or kcmil)	Strands				Free Air			Conduit		
					60°C	75°C	90°C	60°C	75°C	90°C
8	7	0.080	0.30	40	55	65	70	40	45	45
6	7	0.080	0.33	53	80	95	100	55	65	65
4	7	0.080	0.38	72	105	125	135	70	85	85
3	7	0.080	0.40	86	120	145	155	80	100	105
2	7	0.080	0.44	102	140	170	180	100	115	120
1	19	0.095	0.49	131	165	195	210	110	130	140
1/0	19	0.095	0.53	157	195	230	245	125	150	155
2/0	19	0.095	0.57	188	225	265	285	145	175	185
3/0	19	0.095	0.62	226	260	310	330	165	200	210
4/0	19	0.095	0.68	275	300	360	385	195	230	235
250	37	0.110	0.75	333	340	405	425	215	255	265
300	37	0.110	0.80	388	375	445	480	240	285	295
350	37	0.110	0.85	443	420	505	530	260	310	325
400	37	0.110	0.89	496	455	545	575	280	335	345
500	37	0.110	0.97	603	515	620	660	320	380	395
600	61	0.125	1.07	803	575	690	740	355	420	455
750	61	0.125	1.17	896	655	785	845	400	475	500
1000	61	0.125	1.32	1157	780	935	1000	455	545	585

* All values are nominal and subject to correction.

