



### Voltage

2KV

### Construction

Sino cables type PV wire 2kv is AA-8000 series Aluminum Alloy, compact stranded. Insulation is an abrasion, moisture, heat, and sunlight resistant cross-linked polyethylene (XLP).

[Copper conductor is also available.](#)

### Standard

UL4703; UL44; UL854; CSA C22.2 NO. 271; NEC Article 690, [or other standards required by customers.](#)

### Features

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

### Applications

1. Sino cables type PV wire is primarily used for interconnection wiring of grounded and ungrounded photovoltaic power systems which do not exceed 2000 volt. solar power applications per NEC Article 690.
2. Rated 90°C for exposed or concealed wiring in wet or dry locations.
3. Rated for direct burial conduit.

### 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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Size(AWG or kcmil)	Insulation Thickness(in)	Nominal O.D.(in)	Allowable Ampacities			Net Weight (lbs/1000 ft)
			60°C	75°C	90°C	
8	0.085	0.315	30	40	50	48
6	0.085	0.339	40	50	60	56
4	0.085	0.383	55	65	75	76
2	0.085	0.438	75	90	100	105
1	0.105	0.508	95	110	120	145
1/0	0.105	0.547	100	120	135	165
2/0	0.105	0.585	115	135	150	197
3/0	0.105	0.632	130	155	175	236
4/0	0.105	0.683	150	180	205	285
250	0.120	0.758	170	205	230	343
300	0.120	0.805	195	230	255	413
350	0.120	0.850	210	250	280	453
500	0.120	0.975	260	310	350	615
700	0.135	1.146	310	370	420	838
750	0.135	1.176	320	385	435	903
1000	0.135	1.332	375	445	500	1173
<p>*Allowable Ampacities:  Allowable ampacities shown are for general use as specified by the NEC,2008 Edition, section 310.15.</p> <p>*All values are nominal and subject to correction.</p>						

