



UL TYPE PV SOLAR CABLE

(UL Type PV (Photovoltaic) UL 4703, 2000V, -40°C to 90°C)

UL CERTIFICATE NO. : 20140826-E363111

PRODUCT DESCRIPTIONS :

Single conductor, insulated sunlight resistant, photovoltaic wire rated for 90°C wet or dry, 2000V for interconnection wiring of grounded and ungrounded photovoltaic power systems. (And other applicable parts of the National Electric Code (NEC), NFPA 70). Ratings only apply to certain gage sizes.

ELECTRICAL CHARACTERISTICS :

- Maximum Operating Voltage 1000 or 2000VRMS (UL PV)

PHYSICAL CHARACTERISTICS

- Temperature Rating -40°C to 90°C
- Conductor 18 to 1000kcal
- Conductor Material Soft Annealed Tinned Stranded Copper
- Insulation Material XLPE
- Min. Bending Radius 8 x OD
- Applicable Spec. UL Type PV UL4703
- Flame Resistance VW-1

COPPER CABLE CONSTRUCTIONS :

Conductor size (AWG/kcmil)	AWG (Wire Stranded)	Nominal Conductor (O.D.)		Insulation Thickness		Nominal OD		Standard Weight	
		Inch	mm	Inch	mm	Inch	mm	Lbs	Kg.
18	19/0.0092	0.045	1.14	0.075	1.90	0.199	5.05	16	24
16	19/0.0117	0.05	1.42	0.075	1.90	0.210	5.33	21	31
14	19/0.0142	0.07	1.78	0.075	1.90	0.224	5.69	32	48
12	19/0.0185	0.088	2.23	0.075	1.90	0.244	6.20	42	62
10	19/0.0234	0.112	2.84	0.075	1.90	0.268	6.81	57	85
8	19/0.0295	0.143	3.63	0.085	2.16	0.326	8.28	87	129
6	19/0.0372	0.184	4.67	0.085	2.16	0.363	9.22	123	183
4	19/0.0469	0.234	5.94	0.085	2.16	0.406	10.31	11	269
2	19/0.0526	0.296	7.52	0.085	2.16	0.474	12.04	266	396
1	19/0.0664	0.332	8.2	0.105	2.67	0.538	13.66	350	521
1/0	19/0.0740	0.37	9.4	0.105	2.67	0.586	14.88	429	638
2/0	19/0.0837	0.41	10.41	0.105	2.67	0.631	16.03	527	784
3/0	19/0.0940	0.46	11.68	0.105	2.67	0.674	17.12	647	963
4/0	19/0.1055	0.52	13.21	0.105	2.67	0.737	18.72	796	1184
250	37/0.0822	0.558	14.17	0.12	3.05	0.804	20.42	938	1396
300	37/0.0900	0.611	15.52	0.12	3.05	0.857	21.77	1106	1646
350	37/0.0972	0.661	16.79	0.12	3.05	0.907	23.04	1257	1870
400	37/0.1040	0.706	17.93	0.12	3.05	0.952	24.18	1441	2144
500	37/0.1159	0.789	20.04	0.12	3.05	1.035	26.29	1737	2585
600	61/0.0992	0.866	22.00	0.135	3.43	1.142	29.01	2157	3211
750	61/0.1109	0.968	24.59	0.135	3.43	1.244	31.06	2620	3900
1000	61/0.1280	1.117	28.37	0.135	3.43	1.393	35.38	3437	5115

Dimensions and weights are nominal, subject to industry tolerances.

SOLD AND DISTRIBUTED BY

CC CENTURY CABLE

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Note: The specifications are subjected to change without prior notice.

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