

# Solar Photovoltaic Cables

(UL Standard)

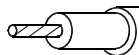
RoHS

**Application** : Power supply for solar photovoltaic systems.

**Features** : Excellent weather-resistant, cold-resistant, flexible, heat-resistant and oilproof properties.



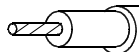
《600V PV Wire》 600V Cross-Linked PE-Insulated Flame-Retardant Cross-Linked PE-Sheathed Cable



(UL) E315108 PV Wire 600V Size 90C WET OR DRY -40C SUN RES VW-1 KHD HALOGEN FREE



《2000V PV Wire》 2000V Cross-Linked PE-Insulated Flame-Retardant Cross-Linked PE-Sheathed Cable



(UL) E315108 PV Wire 2000V Size 90C WET OR DRY -40C SUN RES VW-1 KHD HALOGEN FREE



Type	Standard	Compliant	Rated Voltage	Temperature range	Burning Characteristics	Insulation Material	Jacket Material
600V PV Wire	UL 4703	Halogen-free RoHS	600V	90°C Max.	Vertical flame test (VW-1)	XLPE	Flame-Retardance XLPE
2000V PV Wire	UL 4703		2000V				

Type	Conductor			Insulation			Jacket		Conductor Resistance (20°C) Ω/km以下	Mass Approx. kg/km	Nom. Length m
	Size	Strands/Dia.	Nom. Dia.	Nom. Thick.	Nom. Dia.	Nom. Thick.	Nom. Dia.				
	AWG	Num./mm A	mm	mm	mm	mm	mm				
600V PV Wire	14	7/0.615	1.84	1.25	4.34	0.980	6.30	8.62	53	153	
	12	7/0.775	2.32	1.25	4.82	0.840	6.50	5.43	66	153	
	10	7/0.978	2.93	1.25	5.43	0.835	7.10	3.41	88	153	
2000V PV Wire	14	7/0.615	1.84	1.63	5.10	0.950	7.00	8.62	62	153	
	12	7/0.775	2.32	1.63	5.58	0.835	7.25	5.43	74	153	
	10	7/0.978	2.93	1.63	6.19	0.835	7.86	3.41	98	153	