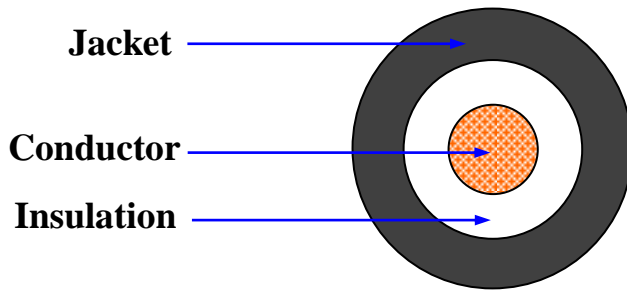


Solar Cable (USA Standard)



General Characteristics : (U.S.A. Standard)

UL approved (UL4703) TYPE PV wire similar to TYPE USE-2, UL854

Temperature rating : 90°C wet or dry

Voltage Rating : 600V/1000V

Conductor size : AWG 18 ~ 4/0

Temperature range : -40°C ~ 90°C

Single layer insulation

UV Resistant

Weather-proof

High wear and abrasion resistance

High resistance against oils, grease and ozone

Flame test : VW-1 Comply to NEC 690.31(B) Requirements of PV wire

Insulation material : XLFRPE

600V 規格值 Dimensions

線規 Wire Gauge (Awg)	導體組成 Conductor Composition (Pcs/mm)	導體直徑 Conductor Diameter (mm)	電纜直徑 Cable Diameter (mm)	額定電流 Rated Current (A)	最大導體電阻 Max. conductor resistance (Ω/km)	測試電壓 Test voltage 1 min (VAC)
18	16/0.254	1.18	4.35	15	7.35	4000
16	26/0.254	1.50	4.70	20	4.63	
14	41/0.254	1.90	5.10	27	2.91	
12	65/0.254	2.40	5.65	36	1.83	
10	105/0.254	3.30	6.70	47	1.15	

1000V 規格值 Dimensions

線規 Wire Gauge (Awg)	導體組成 Conductor Composition (Pcs/mm)	導體直徑 Conductor Diameter (mm)	電纜直徑 Cable Diameter (mm)	額定電流 Rated Current (A)	最大導體電阻 Max. conductor resistance (Ω/km)	測試電壓 Test voltage 1 min (VAC)
18	16/0.254	1.18	5.10	15	7.35	4000
16	26/0.254	1.50	5.50	20	4.63	
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