



# 億泰電線電纜股份有限公司 Evertop Wire Cable Corporation

## UL 1000V & 2000V Solar Cable

UL approvals : File No.E332233

### ● 產品構造圖 Construction of Product



### ● 說明 Description

- 導體可使用裸軟銅線或鍍錫軟銅線。  
Conductor maybe bare soft copper wire or tinned soft copper wire.
- 絕緣體材質為 XLPO，顏色為黑、白或依客戶要求。  
Insulation should be XLPO whit color Black and White which may be another color by the customer
- 被覆體材質為 XLPO，顏色為黑色。  
Sheath should be XLPO with optional color Black.
- 包裝長度可以客戶要求，包裝方式可為捲裝或軸裝。  
Packed length optional, which may be coil or reel by the customer.

### ● Applications

The PV Cable is designed to meet the varying needs of solar industry. Applications include connection to module junction boxes; required cable routing in balance of system(BOS) integration.

### ● 規格表 Data Sheet of Product

導體 Conductor			絕緣體 厚度 Thickness of Insulation	被覆體 厚度 Thickness of Sheath	完成 外徑 Overall Diameter	最大導體電阻 Maximum DC Resistance of Conductor	試驗電壓 Dielectric Voltage	最小 絕緣電阻 Minimum Insulation Resistance
公稱斷面積 Cross- Sectional Area	構成 Composition of Conductor	外徑 Dia. of Conductor  (Approx.)				Bare Soft Copper Wire  20°C		
mm <sup>2</sup>	No/mm	mm	mm	mm	mm	Ω/km	kV/1min	MΩ-km
1.5	28/0.25	1.57	1.52	0.76	6.5	13.7	6.0	1500
2.5	48/0.25	2.02	1.52	0.76	7.0	8.21	6.0	1300
4	80/0.25	2.6	1.52	0.76	7.5	5.09	6.0	1100
6	119/0.25	3.6	1.52	0.76	8.7	3.39	7.5	950
10	126/0.32	4.7	1.77	0.76	10.2	1.95	7.5	800
16	203/0.32	6.0	1.77	0.76	11.5	1.24	7.5	650
25	315/0.32	7.5	1.77	0.76	12.9	0.795	7.5	550
35	437/0.32	8.9	2.28	0.76	15.5	0.565	9.0	600
50	608/0.32	10.5	2.28	0.76	17.0	0.393	9.0	500
70	437/0.45	12.5	2.28	0.76	19.0	0.277	9.0	450

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公稱斷面積 Cross- Sectional Area	構成 Composition of Conductor	外徑 Dia. of Conductor  (Approx.)				Bare Soft Copper Wire  20°C		
AWG	No/mm	mm	mm	mm	mm	Ω/km	kV/1min	MΩ-km
16	26/0.254	1.5	1.52	0.76	6.5	14.7	6.0	1550
14	41/0.254	1.88	1.52	0.76	6.8	9.25	6.0	1350
12	104/0.254	2.37	1.52	0.76	7.3	5.82	6.0	1150
10	168/0.254	3.38	1.52	0.76	8.4	3.66	6.0	1000
8	168/0.254	4.32	1.77	0.76	9.8	2.35	7.5	950
6	63/0.511	5.31	1.77	0.76	10.8	1.43	7.5	800
4	105/0.511	6.87	1.77	0.76	12.3	0.90	7.5	650
2	161/0.511	8.49	1.77	0.76	14.0	0.566	7.5	550
1	210/0.511	9.69	2.28	0.76	16.2	0.449	9.0	600
1/0	266/0.511	11.1	2.28	0.76	17.6	0.359	9.0	550

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