

太陽光電系統用電纜 (PV Cable)

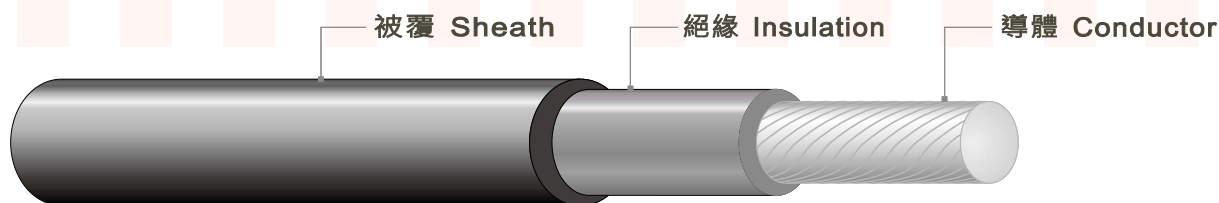


構造

- 依據標準：IEC 62930 / EN 50618
- 代碼標示：62930 IEC 131 / H1Z2Z2-K
- 導體：鍍錫銅絞線，IEC 60228 / EN 60228，class 5
- 絕緣：交連型低煙無鹵混合物
- 被覆：交連型低煙無鹵混合物

CONSTRUCTION

- Application Standard：IEC 62930 / EN 50618
- Code Marking：62930 IEC 131 / H1Z2Z2-K
- Conductor：Tinned copper，IEC 60228/EN60228，class 5
- Insulation：Cross-linked，halogen free low smoke compound
- Sheath：Cross-Linked，halogen free low smoke compound



特性

- 額定電壓：DC 1.5kV；AC 1.0/1.0kV
- 正常運轉最大導體溫度90℃,預期壽命至少25年
- 最大導體溫度:120℃ (容許時間限制20,000小時)
- 耐候、耐臭氧和抗UV
- TÜV SÜD認證號碼：B116078 0001/B116078 0002

Characteristics

- Rated Voltage：DC 1.5kV；AC 1.0/1.0kV
- Normal max. 90℃ at conductor, expected life > 25 years
- Max. temperature at conductor:120℃ (limited to 20,000h)
- UV、Ozone and Weather resistance
- TÜV SÜD Certificate No.：B116078 0001/B116078 0002

導體截面積 Conductor Cross-section	絕緣體厚度 Thick. of Insulation	被覆體厚度 Thick. of Sheath	完成外徑(約) Overall Diameter Approx.	最大導體電阻 Max. Conductor Resistance (20℃)	交流耐壓試驗 AC test Voltage
mm ²	mm	mm	mm	Ω / km	kV/min
1.5	0.7	0.8	5.0	13.7	6.5/5
2.5	0.7	0.8	5.4	8.21	6.5/5
4	0.7	0.8	6.0	5.09	6.5/5
6	0.7	0.8	6.6	3.39	6.5/5
10	0.7	0.8	7.5	1.95	6.5/5
16	0.7	0.9	9.5	1.24	6.5/5
25	0.9	1.0	11.5	0.795	6.5/5
35	0.9	1.1	13.2	0.565	6.5/5
50	1.0	1.2	15.4	0.393	6.5/5
70	1.1	1.2	17.6	0.277	6.5/5
95	1.1	1.3	19.6	0.210	6.5/5
120	1.2	1.3	21.7	0.164	6.5/5
150	1.4	1.4	24.2	0.132	6.5/5
185	1.6	1.6	27.6	0.108	6.5/5
240	1.7	1.7	31.0	0.0817	6.5/5