

2-9 69kV 交連 PE 電纜

額定 Rating/

69kV XLPE/PVC 電纜
69kV XLPE/PVC Cable

規格 Standard/

TPC-A007

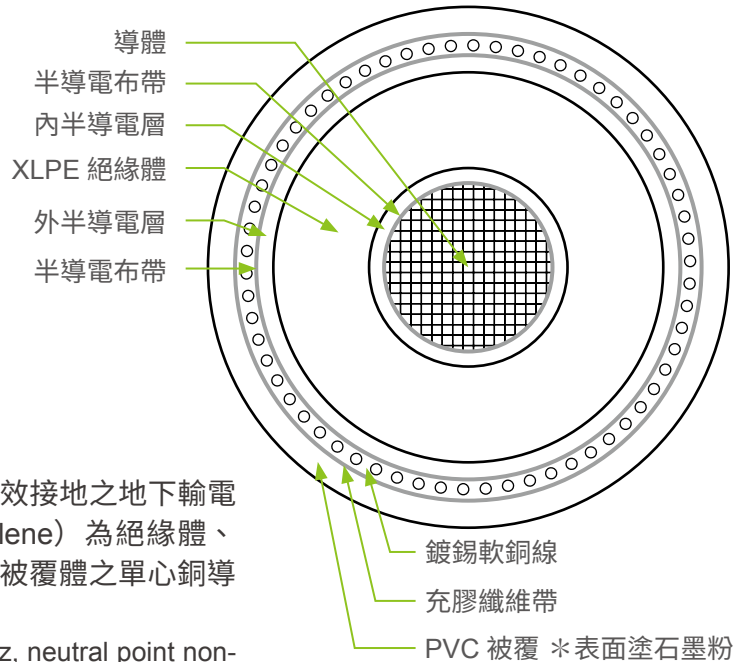
絕緣顏色 Color of insulation/

自然色 Natural color

用途 Application/

適用於 69kV 三相三線制、60Hz、中性點非有效接地之地下輸電線路，以交連聚乙烯 (Cross-linked Polyethylene) 為絕緣體、銅線為遮蔽、聚氯乙烯 (Polyvinyl chloride) 為被覆體之單心銅導體電力電纜。

It is suitable for 69kV three-phase three-wire, 60Hz, neutral point non-effectively grounded underground transmission lines, with Cross-linked Polyethylene as the insulator, copper wire as the shield, and Polyvinyl chloride as the covering. Single core copper conductor power cable.



導體 Conductor			半導電布帶 Semi-conducting tape (約) (approx.)	內半導電層 Inner semiconducting layer	絕緣厚度 Insulation of thickness	外半導電層 outer semiconducting layer	半導電布帶 Semi-conducting tape (約) (approx.)	遮蔽銅線 Concentric Shielding copper wire	繃紮帶 Binder Tape (約) (approx.)	外被厚度 Thickness of Sheath (約) (approx.)	完成外徑 Overall Diameter (約) (approx.)
標稱截面積 Nominal sectional area	構成 Construction 單線數 / 單線徑 Number/Diameter of wire	外徑 Outer Diameter (約) (approx.)									
mm ²	No./mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm
100	壓縮圓形	12.00	0.25	0.76↑	16.51↑	1.27↑	0.25	1.4±0.02	0.25	3.5	63.80
150	壓縮圓形	14.70	0.25	0.76↑	16.51↑	1.27↑	0.25	1.4±0.02	0.25	3.5	66.50
200	壓縮圓形	17.00	0.25	0.76↑	16.51↑	1.27↑	0.25	1.4±0.02	0.25	3.5	68.80
250	壓縮圓形	19.00	0.25	0.76↑	16.51↑	1.27↑	0.25	1.4±0.02	0.25	3.5	71.50
325	壓縮圓形	21.70	0.25	0.76↑	16.51↑	1.27↑	0.25	1.4±0.02	0.25	3.5	74.20
400	壓縮圓形	24.10	0.25	0.76↑	16.51↑	1.27↑	0.25	1.4±0.02	0.25	3.5	76.60
500	壓縮圓形	26.60	0.25	0.76↑	16.51↑	1.27↑	0.25	1.4±0.02	0.25	4.0	80.48
600	壓縮圓形	29.50	0.25	0.76↑	16.51↑	1.27↑	0.25	1.4±0.02	0.25	4.0	83.08
800	四或五分割	34.00	0.25	0.76↑	16.51↑	1.27↑	0.25	1.4±0.02	0.25	4.5	89.58
1000	四或五分割	38.00	0.25	0.76↑	16.51↑	1.27↑	0.25	1.4±0.02	0.25	4.5	93.58
1200	四或五分割	41.70	0.25	0.76↑	16.51↑	1.27↑	0.25	1.4±0.02	0.25	4.5	97.28
1400	四或五分割	45.00	0.25	0.76↑	16.51↑	1.27↑	0.25	1.4±0.02	0.25	4.5	100.58
1600	四或五分割	48.20	0.25	0.76↑	16.51↑	1.27↑	0.25	1.4±0.02	0.25	4.5	103.78

截面積 Nominal Sectional area	mm ²	100	150	200	250	325	400	500	600	800	1000	1200	1400	1600
最大導體電阻 Conductor Resistance Max.	Ω/km	0.187	0.124	0.0933	0.0754	0.0580	0.0471	0.0376	0.0308	0.0231	0.0187	0.0156	0.0133	0.0117
電壓測試 (AC) Test Voltage	kV/min	130/5	130/5	130/5	130/5	130/5	130/5	130/5	130/5	130/5	130/5	130/5	130/5	130/5
電壓測試 (DC) Test Voltage	kV/min	260/15	260/15	260/15	260/15	260/15	260/15	260/15	260/15	260/15	260/15	260/15	260/15	260/15
最小絕緣電阻 Insulation Resistance Min.	MΩ/km	3000	2700	2500	2300	2200	2000	1900	1800	1600	1500	1400	1300	1200
最大靜電容量 Electrostatic Capacity Max.	μF/km	0.13	0.14	0.15	0.16	0.17	0.18	0.19	0.21	0.23	0.25	0.26	0.28	0.29