

2-11 345kV 交連 PE 電纜

額定 Rating/

345kV XLPE/PVC 電纜
345kV XLPE/PVC Cable

規格 Standard/

TSCD-168-04

絕緣顏色 Color of insulation/

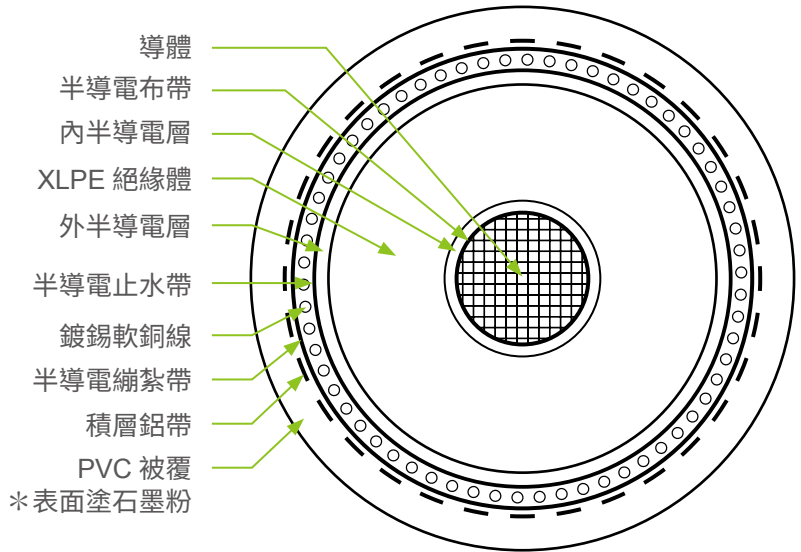
自然色 Natural color

用途 Application/

適用於 345kV 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 161kV 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 (約) (approx.)	絕緣厚度 Insulation of thickness (約) (approx.)	外半導電層 outer semiconducting layer (約) (approx.)	半導電止水帶 Semi-conducting tape (約) (approx.)	遮蔽銅線 Concentric Shielding copper wire	繃紮帶 Binder Tape (約) (approx.)	積層鋁帶 Laminated aluminum tape (約) (approx.)	外被厚度 Thickness of Sheath (約) (approx.)	完成外徑 Overall Diameter (約) (approx.)
標稱 Nominal	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	mm
1200	四或五分割	41.70	0.25	2.00	27.00	2.00	0.56	2.3±0.02	0.28	0.26	6.0	124.18
1600	四或五分割	48.20	0.25	2.00	27.00	2.00	0.56	2.3±0.02	0.28	0.26	6.0	130.68
2000	四或五分割	53.80	0.25	2.00	27.00	2.00	0.56	2.3±0.02	0.28	0.26	6.0	136.28
2500	四或五分割	61.20	0.25	2.50	27.00	2.00	0.56	2.3±0.02	0.28	0.26	6.0	144.68

截面積 Nominal Sectional area	mm ²	400	600	800	1000	1200	1600	2000	2500
最大導體電阻 Conductor Resistance Max.	Ω/km	0.0471	0.0308	0.0231	0.0187	0.0156	0.0117	0.00933	0.00750
電壓測試 (AC) Test Voltage	kV/min	420/60	420/60	420/60	420/60	420/60	420/60	420/60	420/60
最小絕緣電阻 Insulation Resistance Min.	MΩ/km	2840	2540	2280	2140	2020	1820	1690	1550
被覆絕緣電阻 Insulation Resistance Min.	MΩ/km	8.8	8.4	7.9	8.3	8.0	7.6	7.3	6.8
最大靜電容量 Electrostatic Capacity Max.	μF/km	0.13	0.15	0.17	0.18	0.19	0.21	0.23	0.25