

22.9kV 동심중성선 전력케이블 및 트리억제형 전력케이블

22.9kV Concentric Neutral Type XLPE or Tree Retardant XLPE Insulated PVC or Halogen Free Polyolefin Sheathed Water-proof Power Cable

Applicable Standard: IEC 60502-2
ES of KEPCO

선심수 No. of Cores	도체 Conductor			절연체두께 Insulation Thickness	시스두께 Sheath Thickness	완성외경 Overall Diameter	도체저항 (20℃) Conductor Resistance	절연저항 (20℃) Insulation Resistance	개산중량 Approx Weight	
	공칭단면적 Nominal Area	구성 Construction	외경 Diameter						CNCV-W TR CNCV-W	FR CNCO-W
C	mm ²	No./mm	mm	mm	mm	mm	Ω/km	MΩ·km	kg/km	kg/km
1	60	원형압축	9.3	6.6	3.0	36	0.305	3000	1590	1530
	100	원형압축	12.0	6.6	3.0	40	0.183	2500	2180	2140
	150	원형압축	14.7	6.6	3.0	43	0.122	2000	2880	2870
	200	원형압축	17.0	6.6	3.0	46	0.0915	2000	3550	3510
	250	원형압축	19.0	6.6	3.0	48	0.0739	2000	4230	4190
	325	원형압축	21.7	6.6	3.0	51	0.0568	2000	5260	5220
	400	원형압축	24.1	6.6	3.0	54	0.0462	1500	6220	6180
	500	원형압축	26.9	6.6	3.0	57	0.0369	1500	7500	7450
	600	원형압축	29.5	6.6	4.0	62	0.0308	1500	9020	8950

22.9KV-y 수트리억제 난연 알루미늄 전력케이블(FR CNCO-W/AL)

22.9KV Concentric Neutral Type Water Tree Retardant XLPE Insulated Halogen free Polyolefin Jacketed Water-proof Power Aluminium Cable

Applicable Standard: GS-6145-0068
(한전구매규격)

도체 Conductor			절연체두께 Insulation Thickness	중성선 Neutral conductor		시스두께 Sheath Thickness	완성외경(약) Overall Diameter	최대 도체저항 (20℃) Conductor Resistance	시험전압 Test Voltage
공칭단면적 Nominal Area	구성 Construction	외경 Diameter		구성 Construction	단면적 Nominal Area				
mm ²	No./mm	mm	mm	mm	mm	mm	mm	Ω/km	kV/5m
95	원형압축	11.4	6.8	1.2x18	20	2.2	37.6	0.320	52
240	원형압축	18.3	6.8	2.0x16	50	3.0	48.4	0.125	52
400	원형압축	23.2	6.8	2.0x26	82	3.0	53.5	0.0778	52

22.9KV-y 수트리억제 충실 알루미늄 전력케이블(TR CNCE-W/AL)

22.9KV Concentric Neutral Type Water Tree Retardant XLPE Insulated Extruded -to-Fill Polyolefin Jacketed Water-proof Power Aluminium Cable

Applicable Standard: GS-6145-0026
(한전구매규격)

도체 Conductor			절연체두께 Insulation Thickness	중성선 Neutral conductor		시스두께 Sheath Thickness	완성외경(약) Overall Diameter	최대 도체저항 (20℃) Conductor Resistance	시험전압 Test Voltage
공칭단면적 Nominal Area	구성 Construction	외경 Diameter		구성 Construction	단면적 Nominal Area				
mm ²	No./mm	mm	mm	mm	mm	mm	mm	Ω/km	kV/5m
95	원형압축	11.4	6.8	1.2x18	20	1.5	34.6	0.320	52
240	원형압축	18.3	6.8	2.0x16	50	1.5	43.8	0.125	52
400	원형압축	23.2	6.8	2.0x26	82	2.4	50.7	0.0778	52