

제어용 케이블 CONTROL CABLE

0.6/1kV 제어용 비닐절연 비닐시스 케이블

0.6/1kV PVC Insulated PVC Sheathed Control Cable (CVV)

발전소, 변전소 등의 원격 제어용으로 적합한 케이블로서 특히, 종전의 연피 고무 제어용 케이블에 비해서 매우 가벼우며 가요성, 난연성, 내마모성 등이 우수하며 심선 색별이 선명한 케이블이다.

구조

- 도체 : 전기용 연동성
- 절연체 : PVC
- 선심식별 :
 - * 착색에 의한 식별(4심 이하의 케이블)
 - 2심 : 흑, 백
 - 3심 : 흑, 백, 적
 - 4심 : 흑, 백, 적, 녹색
 - * 넘버링에 의한 식별
- 차폐 : 동테이프(CVVS)
- 피복재 : PVC 또는 PE

종류 및 기호

종류	색
제어용 비닐절연 비닐피복 케이블	CVV
제어용 비닐절연 비닐피복 케이블(총실형)	CVS
차폐부 제어용 비닐절연 비닐피복 케이블	CVV-S, CVV-SB
난연성 제어용 비닐절연 비닐피복 케이블	FR-CVV
차폐부 난연성 제어용 비닐절연 비닐피복 케이블	FR-CVVS

This cable is designed for use in remote control system in power plant and substation.

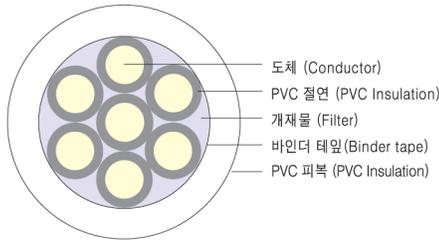
It is lighter and more flexible than conventional rubber insulated lead sheathed control cable, also excellent in fire proof and anti-abrasion quality.

Construction

- Conductors : Annealed copper wire
- Insulation : PVC
- Core Identification
 - * Coloring Method (below 4 cores)
 - 2 cores : black, white
 - 3 cores : black, white, red
 - 4 cores : black, white, red, green
 - * Numbering Method
- Shield : Copper Tape (CVVS)
- Sheath : PVC or PE

Classes and Symbols

종류	색
PVC Insulated PVC Sheathed Control Cable	CVV
PVC Insulated PVC Sheathed Control Cable (Solid Type)	CVS
PVC Insulated PVC Sheathed Control Cable (Shield Type)	CVV-S, CVV-SB
Heat-Retardant PVC Insulated PVC Sheathed Control Cable	FR-CVV
Heat-Retardant PVC Insulated PVC Sheathed Control Cable (Shield Type)	FR-CVVS



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제어용 케이블 CONTROL CABLE

선심수 No. of Cores	도체 (Conductor)			절연체 두께 Insulation Thickness mm	시스 두께 Sheath Thickness mm	완성품 바깥지름 Approx Overall Diameter mm	최대 도체저항 Max Conductor Resistance at 20°C Ω/km	시험 전압 Test Voltage V/5min	개산 무게 Approx Weight kg/km	표준 길이 Standard Length m
	공칭 단면적 Nominal Sectional Area mm²	구성 (소선수/소선지름) Number & Diameter of Wire No./mm	바깥지름 Outer Diameter mm							
2	1.5	7/0.53	1.59	0.8	1.8	11	12.1	3500	133	300
	2.5	7/0.67	2.01	0.8		12	7.41		163	300
	4	7/0.85	2.55	1.0		14	4.61		228	300
	6	7/1.04	3.12	1.0		15	3.08		284	300
3	1.5	7/0.53	1.59	0.8	1.8	11.5	12.1	3500	160	300
	2.5	7/0.67	2.01	0.8		12.5	7.41		203	300
	4	7/0.85	2.55	1.0		14.5	4.61		287	300
	6	7/1.04	3.12	1.0		16	3.08		362	300
4	1.5	7/0.53	1.59	0.8	1.8	12.5	12.1	3500	192	300
	2.5	7/0.67	2.01	0.8		13.5	7.41		244	300
	4	7/0.85	2.55	1.0		16	4.61		352	300
	6	7/1.04	3.12	1.0		17	3.08		451	300
5	1.5	7/0.53	1.59	0.8	1.8	13.5	12.1	3500	229	300
	2.5	7/0.67	2.01	0.8		14.5	7.41		290	300
	4	7/0.85	2.55	1.0		17	4.61		418	300
	6	7/1.04	3.12	1.0		18.5	3.08		546	300
6	1.5	7/0.53	1.59	0.8	1.8	14.5	12.1	3500	265	300
	2.5	7/0.67	2.01	0.8		15.5	7.41		338	300
	4	7/0.85	2.55	1.0		18.5	4.61		492	300
	6	7/1.04	3.12	1.0		21	3.08		646	300
7	1.5	7/0.53	1.59	0.8	1.8	14.5	12.1	3500	280	300
	2.5	7/0.67	2.01	0.8		15.5	7.41		365	300
	4	7/0.85	2.55	1.0		18.5	4.61		536	300
	6	7/1.04	3.12	1.0		21	3.08		708	300
8	1.5	7/0.53	1.59	0.8	1.8	15.5	12.1	3500	309	300
	2.5	7/0.67	2.01	0.8		16.5	7.41		417	300
	4	7/0.85	2.55	1.0		20	4.61		613	300
	6	7/1.04	3.12	1.0		22	3.08		801	300
10	1.5	7/0.53	1.59	0.8	1.8	18	12.1	3500	393	300
	2.5	7/0.67	2.01	0.8		19.5	7.41		512	300
	4	7/0.85	2.55	1.0		23	4.61		770	300
	6	7/1.04	3.12	1.0		26	3.08		1005	300
12	1.5	7/0.53	1.59	0.8	1.8	18.5	12.1	3500	445	300
	2.5	7/0.67	2.01	0.8		20	7.41		587	300
	4	7/0.85	2.55	1.0		24	4.61		873	300
	6	7/1.04	3.12	1.0		27	3.08		1161	300
15	1.5	7/0.53	1.59	0.8	1.8	19.5	12.1	3500	516	300
	2.5	7/0.67	2.01	0.8		22	7.41		685	300
	4	7/0.85	2.55	1.0		26	4.61		1409	300
	6	7/1.04	3.12	1.0		29	3.08		1606	300
20	1.5	7/0.53	1.59	0.8	1.8	22	12.1	3500	656	300
	2.5	7/0.67	2.01	0.8		24	7.41		866	300
	4	7/0.85	2.55	1.0		29	4.61		1360	300
	6	7/1.04	3.12	1.0		32	3.08		1821	300
30	1.5	7/0.53	1.59	0.8	1.8	26	12.1	3500	926	300
	2.5	7/0.67	2.01	0.8		28	7.41		1253	300
		4	7/0.85	2.55	1.0	35	4.61		1949	300