납피복·강선 외장 복합 전력케이블

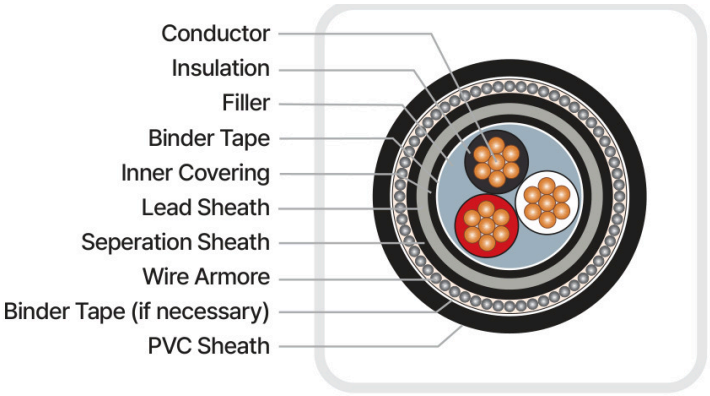
0.6/1kV XLPE / PVC / LEAD / PVC / SWA(AWA) / PVC(LSZH)

구조도 · 재료 구성 · 1심(1 Core) 규격표

01 케이블 구성

- Class 2 연동 연선 동도체
- XLPE 절연 및 PVC 압출 내피
- 압출 납(Lead) 피복층
- PVC 분리 피복층
- 단심 AWA / 다심 SWA 금속선 외장
- 카탈로그 본문: 흑색 PVC 외피

02 단면 구조도 | 원본 확대



사양 확인 안내

표제는 PVC(LSZH)로 기재되어 있으나 본문에는 흑색 PVC 외피로 표기됩니다. 최종 외피재질 및 LSZH 적용 여부를 확인해야 합니다.

03 1심 (1 Core) 규격표

공칭단면적 · 절연/내피 · 외장 · 외경 · 도체저항 · AC 시험전압 · 중량

1 Core

Conductor			insulation thickness	Inner covering thickness	LEAD sheatg thickness	Separation sheath thickness	Wire Armore (AWA) diameter	Outer sheath thickness	Approx. Overall diameter	Conductor resistance Max.at20	AC test voltage	Weght approx.
Nom. Area	construction	Diameter										
㎟	No./mm	mm	mm	mm	mm	mm	mm	mm	mm	Ω/km	Kv	kg/km
16	C.C	4.8	0.7	1.0	1.0	1.0	1.6	1.8	25	1.15	3.5	1180
25	C.C	5.9	0.9	1.0	1.0	1.0	1.6	1.8	25	0.727	3.5	1260
35	C.C	6.9	0.9	1.1	1.1	1.0	1.6	1.8	26	0.524	3.5	1400
50	C.C	8.1	1.0	1.1	1.1	1.0	1.6	1.8	26	0.387	3.5	1500
70	C.C	9.8	1.1	1.2	1.2	1.0	1.6	1.8	28	0.268	3.5	1890
95	C.C	11.4	1.1	1.2	1.2	1.0	1.6	1.8	29	0.193	3.5	2230
120	C.C	12.9	1.2	1.3	1.3	1.0	1.6	1.8	31	0.153	3.5	2670
150	C.C	14.4	1.4	1.3	1.3	1.0	1.6	1.9	33	0.124	3.5	3100
185	C.C	15.9	1.6	1.4	1.4	1.0	1.6	2.0	36	0.0991	3.5	3720
240	C.C	18.4	1.7	1.5	1.5	1.1	2.0	2.1	40	0.0754	3.5	4640
300	C.C	20.5	1.8	1.5	1.5	1.1	2.0	2.2	43	0.0601	3.5	5450

위 표는 원본 카탈로그의 수치를 그대로 인용했습니다. 표 안의 영문 머리글 및 단위 또한 원본 표기입니다.

규격표 | 2심 · 3심 · 4심

2 Core

Conductor			insulation thickness	Inner covering thickness	LEAD sheatg thickness	Separation sheath thickness	Wire Armore (AWA) diameter	Outer sheath thickness	Approx. Overall diameter	Conductor resistance Max.at20	AC test voltage	Weght approx.
Nom. Area	construc tion	Diameter										
㎟	No./mm	mm	mm	mm	mm	mm	mm	mm	mm	Ω/km	Kv	kg/km
1.5	7/0.53	1.59	0.7	1.0	1.2	1.0	1.25	1.8	24	12.1	3.5	1390
2.5	7/0.67	2.01	0.7	1.0	1.2	1.0	1.25	1.8	24	7.41	3.5	1400
4	7/0.85	2.55	0.7	1.0	1.2	1.0	1.25	1.8	24	4.61	3.5	1410
6	7/1.04	3.12	0.7	1.0	1.2	1.0	1.25	1.8	25	3.08	3.5	1430
10	7/1.35	4.05	0.7	1.0	1.2	1.0	1.25	1.8	26	1.83	3.5	1640
16	C.C	4.8	0.7	1.0	1.2	1.0	1.6	1.8	28	1.15	3.5	1890
25	C.C	5.9	0.9	1.0	1.3	1.0	1.6	1.8	32	0.727	3.5	2430
35	C.C	6.9	0.9	1.0	1.3	1.0	1.6	1.9	34	0.524	3.5	2810
50	C.C	8.1	1.0	1.0	1.4	1.1	2.0	2.0	38	0.387	3.5	3470
70	C.C	9.8	1.1	1.0	1.5	1.1	2.0	2.2	43	0.268	3.5	4420
95	C.C	11.4	1.1	1.2	1.6	1.2	2.0	2.3	47	0.193	3.5	5520
120	C.C	12.9	1.2	1.2	1.7	1.3	2.5	2.4	53	0.153	3.5	6600
150	C.C	14.4	1.4	1.2	1.8	1.4	2.5	2.6	57	0.124	3.5	7840
185	C.C	15.9	1.6	1.2	1.9	1.4	2.5	2.7	62	0.0991	3.5	9330
240	C.C	18.4	1.7	1.4	2.1	1.5	2.5	2.9	69	0.0754	3.5	11650

3 Core

Conductor			insulation thickness	Inner covering thickness	LEAD sheatg thickness	Separation sheath thickness	Wire Armore (AWA) diameter	Outer sheath thickness	Approx. Overall diameter	Conductor resistance Max.at20	AC test voltage	Weght approx.
Nom. Area	construc tion	Diameter										
㎟	No./mm	mm	mm	mm	mm	mm	mm	mm	mm	Ω/km	Kv	kg/km
1.5	7/0.53	1.59	0.7	1.0	1.2	1.0	1.25	1.8	24	12.1	3.5	1400
2.5	7/0.67	2.01	0.7	1.0	1.2	1.0	1.25	1.8	24	7.41	3.5	1420
4	7/0.85	2.55	0.7	1.0	1.2	1.0	1.25	1.8	25	4.61	3.5	1450
6	7/1.04	3.12	0.7	1.0	1.2	1.0	1.25	1.8	25	3.08	3.5	1510
10	7/1.35	4.05	0.7	1.0	1.2	1.0	1.6	1.8	28	1.83	3.5	1820
16	C.C	4.8	0.7	1.0	1.2	1.0	1.6	1.8	30	1.15	3.5	2130
25	C.C	5.9	0.9	1.0	1.3	1.0	1.6	1.9	33	0.727	3.5	2800
35	C.C	6.9	0.9	1.0	1.4	1.0	1.6	2.0	36	0.524	3.5	3400
50	C.C	8.1	1.0	1.0	1.5	1.1	2.0	2.1	41	0.387	3.5	4210
70	C.C	9.8	1.1	1.2	1.6	1.2	2.0	2.2	46	0.268	3.5	5490
95	C.C	11.4	1.1	1.2	1.7	1.3	2.5	2.4	51	0.193	3.5	6860
120	C.C	12.9	1.2	1.2	1.8	1.3	2.5	2.5	56	0.153	3.5	8180
150	C.C	14.4	1.4	1.4	1.9	1.4	2.5	2.7	61	0.124	3.5	9860
185	C.C	15.9	1.6	1.4	2.0	1.5	2.5	2.9	66	0.0991	3.5	11750
240	C.C	18.4	1.7	1.6	2.2	1.6	2.5	3.1	74	0.0754	3.5	14850

4 Core

Conductor			insulation thickness	Inner covering thickness	LEAD sheatg thickness	Separation sheath thickness	Wire Armore (AWA) diameter	Outer sheath thickness	Approx. Overall diameter	Conductor resistance Max.at20	AC test voltage	Weght approx.
Nom. Area	construc tion	Diameter										
㎟	No./mm	mm	mm	mm	mm	mm	mm	mm	mm	Ω/km	Kv	kg/km
1.5	7/0.53	1.59	0.7	1.0	1.2	1.0	1.25	1.8	24	12.1	3.5	1410
2.5	7/0.67	2.01	0.7	1.0	1.2	1.0	1.25	1.8	24	7.41	3.5	1430
4	7/0.85	2.55	0.7	1.0	1.2	1.0	1.25	1.8	25	4.61	3.5	1470
6	7/1.04	3.12	0.7	1.0	1.2	1.0	1.60	1.8	27	3.08	3.5	1680
10	7/1.35	4.05	0.7	1.0	1.2	1.0	1.60	1.8	29	1.83	3.5	2040
16	C.C	4.8	0.7	1.0	1.3	1.0	1.6	1.8	31	1.15	3.5	2510
25	C.C	5.9	0.9	1.0	1.4	1.0	1.6	1.9	26	0.727	3.5	2240
35	C.C	6.9	0.9	1.0	1.4	1.1	2.0	2.1	40	0.524	3.5	4020
50	C.C	8.1	1.0	1.0	1.6	1.2	2.0	2.2	44	0.387	3.5	5090
70	C.C	9.8	1.1	1.2	1.7	1.2	2.0	2.4	50	0.268	3.5	6680
95	C.C	11.4	1.1	1.2	1.8	1.3	2.5	2.5	55	0.193	3.5	8370
120	C.C	12.9	1.2	1.4	1.9	1.4	2.5	2.7	61	0.153	3.5	10160
150	C.C	14.4	1.4	1.4	2.0	1.5	2.5	2.9	67	0.124	3.5	12130
185	C.C	15.9	1.6	1.4	2.2	1.6	2.5	3.1	72	0.0991	3.5	14720
240	C.C	18.4	1.7	1.6	2.4	1.7	2.5	3.3	81	0.0754	3.5	18600