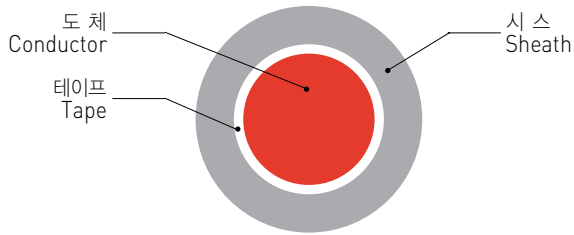
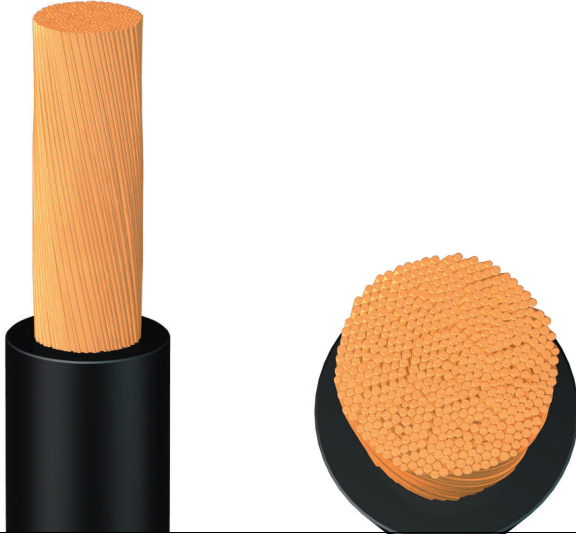


K 60227 IEC 08 (HKIV) | 기기배선용 유연성 단심 비닐 절연전선(90℃)



● 적용범위

- AC 450/750V 이하의 일반 공작물이나 전기기기의 배선에 사용되는 도체가 유연한 내열 비닐 절연 전선.

● 구조

- 도체 : 5등급(집 · 복합 연선) 연동선
- 절연체 : 내열, 내마모성 및 내흡성 PVC

● 절연체 색상

- 흑, 백, 적, 녹, 황, 청

● 최고허용온도

- 90℃

● Application

- This wire is used for wiring distributing line, electrical equipment under AC 450/750V and insulated by heat-resistant PVC.

● Construction

- Conductor : Flexible stranded Annealed Copper(Class 5)
- Insulation : Heat, Abrasion-and moisture-resistant PVC

● Color

- Standard colors are Black, White, Red, Green, Yellow and Blue

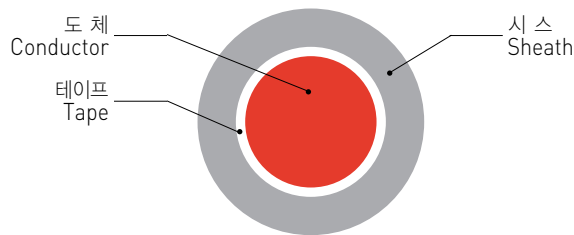
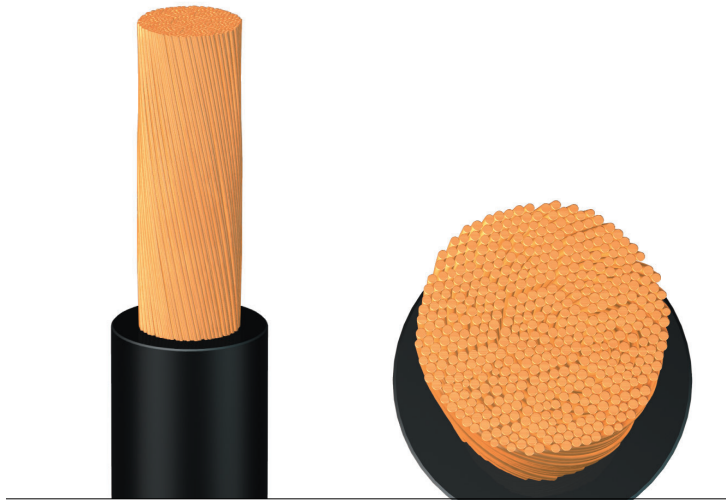
● Maximum Allowable Temperature

- 90℃

K 60227 IEC 08 (HKIV)

도체 Conductor			절연두께 Thickness of Insulation	시스외경Sheath Overall Diameter		도체저항 Max.Conductor		절연저항 Insulation Resistance (70℃)	시험전압 Test Voltage	계산중량 Weight
공칭단면적 Nominal cross- sectional area	등급 Class	외경(약) Approx. Diameter		최소값 Minimum	최대값 Maximum	동선 Copper	주석도금동선 Tin-coated Copper			
sq mm		mm	mm	mm	mm	Ω/km	Ω · km	MΩ · km	V	kg/km
0.5	5	0.9	0.6	2.1	2.5	39	40.1	0.013	2,000	9.5
0.75	5	1.1	0.6	2.2	2.7	26	26.7	0.012	2,000	12.3
1	5	1.3	0.6	2.4	2.8	19.5	20	0.01	2,000	14.8
1.5	5	1.6	0.7	2.8	3.4	13.3	13.7	0.009	2,000	21.5
2.5	5	2	0.8	3.4	4.1	7.98	8.21	0.009	2,000	33.3

K 60227 IEC 02 (KIV) | 450/750V 유연성 단심비닐절연전선



● 적용범위

- AC 450/750V 이하의 일반 공작물이나 전기기기의 옥내 배선용으로 사용되는 것으로 사용이 간편하고 색별표시가 다양하고 식별이 용이.

● 구조

- 도체 : 5등급(집 · 복합 연선) 연동선
- 절연체 : PVC

● 절연체 색상

- 흑, 백, 적, 녹, 황, 청

● 최고허용온도 : 70℃

● 적용규격

- KS C IEC 60227-3

● Application

- This wire is suitable for wiring inside of house and building under AC 450/750V.

● Construction

- Conductor : Flexible stranded Annealed Copper(Class 5)
- Insulation : PVC(Poly Vinyl Chloride)

● Color

- Standard colors are Black, White, Red, Green, Yellow and Blue

● Maximum Allowable Temperature : 70℃

● Standard

- KS C IEC 60227-3

K 60227 IEC 02 (KIV)

선심수 Number of Cores	도체 Conductor		절연두께 Thickness of Insulation	시스외경 Sheath Overall Diameter		최대도체저항 Max.Conductor		절연저항 Insulation Resistance (70℃)	포장길이 Packing Length	케이블 중량 Weight
	최대소선경 Maximum Diameter. of Wire	외경(약) Approx. Diameter		최소값 Minimum	최대값 Maximum	동선 Copper	주석도금동선 Tin-coated Copper			
sq mm	mm	mm	mm	mm	mm	Ω /km	Ω · km	MΩ · km	m	kg/km
1.5	0.26	1.6	0.7	2.8	3.4	13.3	13.7	0.010	200	30
2.5	0.26	2.1	0.8	3.4	4.1	7.98	8.21	0.009	200	40
4	0.31	2.63	0.8	3.9	4.8	4.95	5.09	0.007	100	50
6	0.31	3.6	0.8	4.4	5.3	3.30	3.39	0.006	100	80
10	0.41	4.8	1.0	5.7	6.8	1.91	1.95	0.0056	100	130
16	0.41	6.0	1.0	6.7	8.1	1.21	1.24	0.0046	100	180
25	0.41	7.4	1.2	8.4	10.2	0.780	0.795	0.0044	100	280
35	0.41	8.7	1.2	9.7	11.7	0.554	0.565	0.0038	100	370
50	0.41	10.4	1.4	11.5	13.9	0.386	0.393	0.0037	100	500
70	0.51	12.5	1.4	13.2	16.0	0.272	0.277	0.0032	100	700
95	0.51	14.5	1.6	15.1	18.2	0.206	0.210	0.0032	100	970
120	0.51	16.2	1.6	16.7	20.2	0.161	0.164	0.0029	100	1,200
150	0.51	18.2	1.8	18.6	22.5	0.129	0.132	0.0029	100	1,490
185	0.51	20.2	2.0	20.6	24.9	0.106	0.108	0.0029	100	1,850
240	0.51	23.3	2.2	23.5	28.4	0.0801	0.0817	0.0028	100	2,440