

MYOUNGIN

RUBBER INSULATED CABLE

PVC INSULATED CABLE



The world connected with wire!

“세상을 움직이는 힘, 케이블에서 시작됩니다”



고무 케이블

일반적으로 재질은 사용목적에 따라 크게 내열성, 내유성, 내한성, 내약품성, 내용제성, 내마모성, 반발탄성, 이형성 등 고무 특성을 고려하여 사용합니다. 고무배합과정에 보강제, 충전제, 가소제, 가황제, 난연제, 노화방지제, 배합유 등 배합기술에 따라 인열강도, 경도, 신율 인장강도,약품성 물리적 화학적 특성이 많은 차이를 보이게 되므로 사용목적에 따라 재질 및 배합을 결정하게 됩니다.

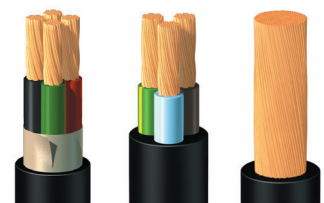


- ① Spreader Cables (스프레더 케이블)
- ② Festoon Cables (커텐용 케이블)
- ③ Lead Wire (배선용 절연전선)
- ④ High Tension Cables (고장력 케이블)
- ⑤ High Voltage Cables (고압용 케이블)
- ⑥ Flame Retardant Poly Flex Insulated Wire (MLFC)
(차량용 가교 폴리에틸렌전선)
- ⑦ Cables for the Vehicles (차량용 케이블)
- ⑧ High Tension Cables (고장력 케이블)



PVC 케이블

PVC는 염소 및 에틸렌의 합성에 의해 얻을 수 있는 염화비닐모노머(VCM)를 중합한 열가소성 플라스틱으로 내수성, 내산성, 기계적 강도가 우수하다



The world connected with wire!

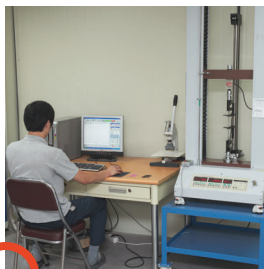
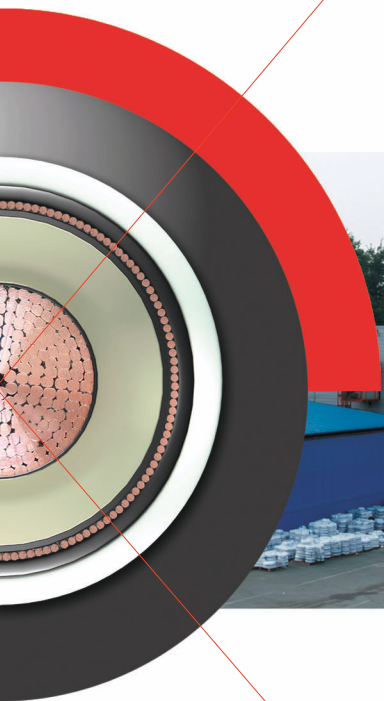
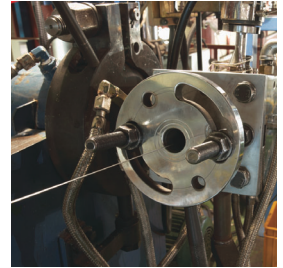
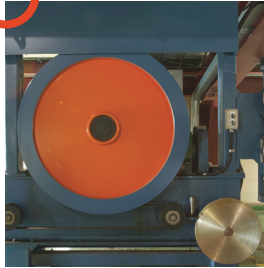
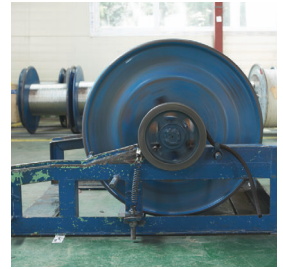
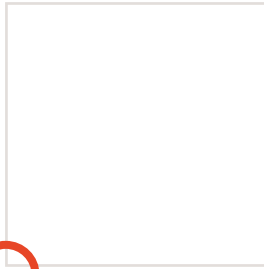
“명인전선의 자부심, 최고의 기술로 최상의 품질만을 공급합니다”



기기를 움직이게 하는 힘, 우주와 지구를 연결하는 소통의 힘, 인간의 삶을 더욱 풍요롭고 행복하게 하는 원천은 바로 케이블입니다.

케이블로 시작되어 케이블로 완성되는 편안한 세상을 만들기 위해 명인전선의 도전정신은 오늘도 진행형입니다. 더 큰 이상과 꿈이 완성되는 미래를 위한 축적된 기술과 노하우는 더욱 아름답고 따스한 살기 좋은 세상을 만들어 갈 것입니다.

명인전선은 임직원이 혼연일체가 되어 미래지향적인 목표 의식과 한 차원 높은 서비스 제공, 앞선 신기술 연구·개발로 국내는 물론 세계에 명인의 이름을 빛낼 것입니다. 오늘보다 더 발전된 내일의 약속, 명인의 발전된 모습을 지켜봐 주시기 바랍니다.



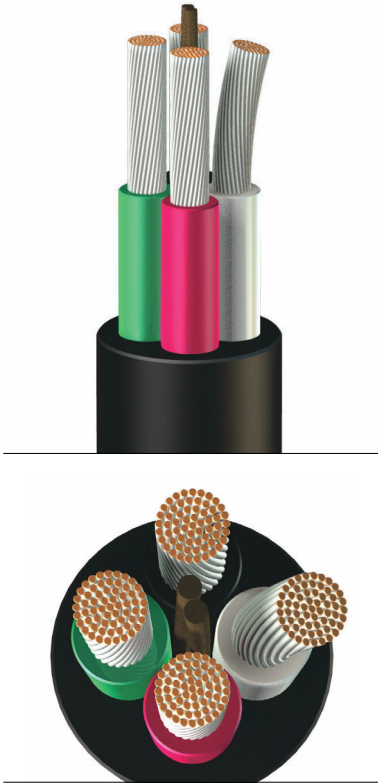
RUBBER INSULATED CABLE

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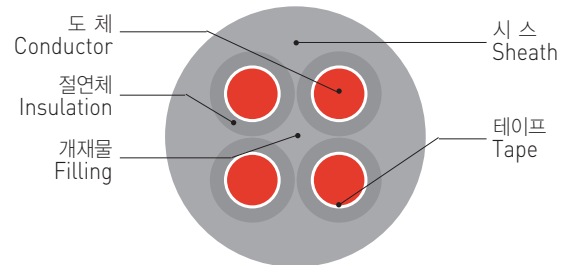
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Rubber Insulated Flexible Cables | 고무절연 캡타이어 케이블



캡타이어 케이블은 강한 시스를 가진 케이블의 총칭이다. 이 케이블은 광산, 농장, 건설공장 현장 등에서 저압 이동용 전기기기의 배선에 사용되는 전선으로서, 탄력성이 양호한 클로로프렌 고무로 피복되어 충격, 마찰, 굴곡 등의 기계적 내성이 높고, 내수, 내열, 내산 및 내알칼리성 등의 화학적 내성이 강하므로, 이 분야의 용도에 널리 사용된다.

Cabtyre cable is a general name of the cable which has tough and stiff sheath. This cable is applied in the low voltage portable electrical equipment in the mining, farming, construction industry. This cable is jacketed with chloroprene rubber, so not only it has good mechanical property for impact, friction, flexural but also chemical property for resistance on water, heat, acid, and alkali.



0.6/1KV PNCT

Standard : KS C 3317 [MOD., KSC IEC 60502-1]

선심수 Number of Cores	도체 Conductor		절연두께 Thickness of Insulation	시스두께 Thickness of Sheath	시스외경 Sheath Overall Diameter	도체저항 Conductor Resistance (20℃) (Max.)	시험전압 Test Voltage	케이블 중량 Weight
	구 성 Composition	바깥지름 Outer Diameter						
sq mm×core	Max./mm	mm	mm	mm	mm	Ω /km	V/5min.	kg/km
1.0 × 2	0.21	1.24	1.0	1.7	10.3	20.0	3,500	139
1.0 × 3	0.21	1.24	1.0	1.8	11.0	20.0	3,500	163
1.0 × 4	0.21	1.24	1.0	1.8	11.8	20.0	3,500	191
1.0 × 5	0.21	1.24	1.0	1.9	13.0	20.0	3,500	227
1.0 × 6	0.21	1.24	1.0	2.0	14.2	20.0	3,500	268
1.0 × 7	0.21	1.24	1.0	2.0	15.2	20.0	3,500	302
1.0 × 8	0.21	1.24	1.0	2.1	16.5	20.0	3,500	320
1.0 × 9	0.21	1.24	1.0	2.2	17.7	20.0	3,500	366
1.0 × 10	0.21	1.24	1.0	2.2	18.0	20.0	3,500	366
1.0 × 11	0.21	1.24	1.0	2.2	18.0	20.0	3,500	385
1.0 × 12	0.21	1.24	1.0	2.2	18.5	20.0	3,500	410
1.0 × 13	0.21	1.24	1.0	2.2	18.8	20.0	3,500	432
1.0 × 14	0.21	1.24	1.0	2.3	19.6	20.0	3,500	468
1.0 × 15	0.21	1.24	1.0	2.3	20.0	20.0	3,500	492
1.0 × 16	0.21	1.24	1.0	2.3	20.5	20.0	3,500	520
1.0 × 17	0.21	1.24	1.0	2.4	21.3	20.0	3,500	557
1.0 × 18	0.21	1.24	1.0	2.4	21.7	20.0	3,500	584
1.0 × 19	0.21	1.24	1.0	2.4	21.7	20.0	3,500	603
1.0 × 20	0.21	1.24	1.0	2.5	23.0	20.0	3,500	650
1.0 × 21	0.21	1.24	1.0	2.5	23.6	20.0	3,500	677

Rubber Insulated Flexible Cables | 고무절연 캡타이어 케이블

0.6/1KV PNCT

Standard : KS C 3317 (MOD., KSC IEC 60502-1)

선심수 Number of Cores	도체 Conductor		절연두께 Thickness of Insulation	시스두께 Thickness of Sheath	시스외경 Sheath Overall Diameter	도체저항 Conductor Resistance (20℃) (Max.)	시험전압 Test Voltage	케이블 중량 Weight
	구 성 Composition	바깥지름 Outer Diameter						
sq mm×core	Max./mm	mm	mm	mm	mm	Ω /km	V/5min.	kg/km
1.0 × 22	0.21	1.24	1.0	2.5	24.0	20.0	3,500	706
1.0 × 23	0.21	1.24	1.0	2.6	25.5	20.0	3,500	739
1.0 × 24	0.21	1.24	1.0	2.6	25.5	20.0	3,500	758
1.0 × 25	0.21	1.24	1.0	2.6	25.5	20.0	3,500	777
1.0 × 26	0.21	1.24	1.0	2.6	25.5	20.0	3,500	796
1.0 × 27	0.21	1.24	1.0	2.7	26.2	20.0	3,500	835
1.0 × 28	0.21	1.24	1.0	2.7	26.2	20.0	3,500	854
1.0 × 29	0.21	1.24	1.0	2.7	26.5	20.0	3,500	877
1.0 × 30	0.21	1.24	1.0	2.7	27.1	20.0	3,500	904
1.5 × 1	0.26	1.50	1.0	1.5	6.8	13.7	3,500	64
1.5 × 2	0.26	1.50	1.0	1.8	11.0	13.7	3,500	164
1.5 × 3	0.26	1.50	1.0	1.8	11.5	13.7	3,500	186
1.5 × 4	0.26	1.50	1.0	1.9	12.7	13.7	3,500	226
1.5 × 5	0.26	1.50	1.0	1.9	13.7	13.7	3,500	263
1.5 × 6	0.26	1.50	1.0	2.0	15.0	13.7	3,500	310
1.5 × 7	0.26	1.50	1.0	2.1	16.3	13.7	3,500	360
1.5 × 8	0.26	1.50	1.0	2.2	17.6	13.7	3,500	383
1.5 × 9	0.26	1.50	1.0	2.2	18.8	13.7	3,500	426
1.5 × 10	0.26	1.50	1.0	2.3	19.2	13.7	3,500	438
1.5 × 11	0.26	1.50	1.0	2.3	19.2	13.7	3,500	462
1.5 × 12	0.26	1.50	1.0	2.3	19.8	13.7	3,500	492
1.5 × 13	0.26	1.50	1.0	2.3	20.1	13.7	3,500	520
1.5 × 14	0.26	1.50	1.0	2.4	20.9	13.7	3,500	562
1.5 × 15	0.26	1.50	1.0	2.4	21.4	13.7	3,500	592
1.5 × 16	0.26	1.50	1.0	2.4	22.0	13.7	3,500	626
1.5 × 17	0.26	1.50	1.0	2.5	22.8	13.7	3,500	668
1.5 × 18	0.26	1.50	1.0	2.5	23.3	13.7	3,500	702
1.5 × 19	0.26	1.50	1.0	2.5	23.3	13.7	3,500	726
1.5 × 20	0.26	1.50	1.0	2.6	24.6	13.7	3,500	781
1.5 × 21	0.26	1.50	1.0	2.6	25.2	13.7	3,500	814
1.5 × 22	0.26	1.50	1.0	2.6	25.7	13.7	3,500	851
1.5 × 23	0.26	1.50	1.0	2.7	27.3	13.7	3,500	889
1.5 × 24	0.26	1.50	1.0	2.7	27.3	13.7	3,500	913
1.5 × 25	0.26	1.50	1.0	2.7	27.3	13.7	3,500	937
1.5 × 26	0.26	1.50	1.0	2.7	27.3	13.7	3,500	931
1.5 × 27	0.26	1.50	1.0	2.8	28.0	13.7	3,500	1,007
1.5 × 28	0.26	1.50	1.0	2.8	28.0	13.7	3,500	1,031
1.5 × 29	0.26	1.50	1.0	2.8	28.3	13.7	3,500	1,059
1.5 × 30	0.26	1.50	1.0	2.8	29.0	13.7	3,500	1,092
2.5 × 1	0.26	1.90	1.0	1.6	7.4	8.21	3,500	81
2.5 × 2	0.26	1.90	1.0	1.8	11.8	8.21	3,500	199
2.5 × 3	0.26	1.90	1.0	1.9	12.6	8.21	3,500	236

Rubber Insulated Flexible Cables | 고무절연 캡타이어 케이블

0.6/1KV PNCT

Standard : KS C 3317 (MOD., KSC IEC 60502-1)

선심수 Number of Cores	도체 Conductor		절연두께 Thickness of Insulation	시스두께 Thickness of Sheath	시스외경 Sheath Overall Diameter	도체저항 Conductor Resistance (20℃) (Max.)	시험전압 Test Voltage	케이블 중량 Weight
	구 성 Composition	바깥지름 Outer Diameter						
sq mm×core	Max./mm	mm	mm	mm	mm	Ω /km	V/5min.	kg/km
2.5 × 4	0.26	1.90	1.0	1.9	13.6	8.21	3,500	281
2.5 × 5	0.26	1.90	1.0	2.0	15.0	8.21	3,500	338
2.5 × 6	0.26	1.90	1.0	2.1	16.4	8.21	3,500	398
2.5 × 7	0.26	1.90	1.0	2.2	17.8	8.21	3,500	463
2.5 × 8	0.26	1.90	1.0	2.3	19.3	8.21	3,500	492
2.5 × 9	0.26	1.90	1.0	2.3	20.5	8.21	3,500	549
2.5 × 10	0.26	1.90	1.0	2.4	21.0	8.21	3,500	567
2.5 × 11	0.26	1.90	1.0	2.4	21.0	8.21	3,500	601
2.5 × 12	0.26	1.90	1.0	2.4	21.7	8.21	3,500	642
2.5 × 13	0.26	1.90	1.0	2.4	22.0	8.21	3,500	680
2.5 × 14	0.26	1.90	1.0	2.5	22.9	8.21	3,500	734
2.5 × 15	0.26	1.90	1.0	2.5	23.4	8.21	3,500	775
2.5 × 16	0.26	1.90	1.0	2.6	24.3	8.21	3,500	834
2.5 × 17	0.26	1.90	1.0	2.6	24.9	8.21	3,500	877
2.5 × 18	0.26	1.90	1.0	2.6	25.5	8.21	3,500	921
2.5 × 19	0.26	1.90	1.0	2.6	25.5	8.21	3,500	955
2.5 × 20	0.26	1.90	1.0	2.7	26.9	8.21	3,500	1,025
2.5 × 21	0.26	1.90	1.0	2.8	27.9	8.21	3,500	1,084
2.5 × 22	0.26	1.90	1.0	2.8	28.3	8.21	3,500	1,131
2.5 × 23	0.26	1.90	1.0	2.9	30.1	8.21	3,500	1,181
2.5 × 24	0.26	1.90	1.0	2.9	30.1	8.21	3,500	1,215
2.5 × 25	0.26	1.90	1.0	2.9	30.1	8.21	3,500	1,249
2.5 × 26	0.26	1.90	1.0	2.9	30.1	8.21	3,500	1,283
2.5 × 27	0.26	1.90	1.0	2.9	30.7	8.21	3,500	1,326
2.5 × 28	0.26	1.90	1.0	2.9	30.7	8.21	3,500	1,360
2.5 × 29	0.26	1.90	1.0	3.0	31.2	8.21	3,500	1,414
2.5 × 30	0.26	1.90	1.0	3.0	32.0	8.21	3,500	1,459
4 × 1	0.31	2.40	1.0	1.6	7.9	5.09	3,500	99
4 × 2	0.31	2.40	1.0	1.9	13.0	5.09	3,500	254
4 × 3	0.31	2.40	1.0	1.9	13.7	5.09	3,500	298
4 × 4	0.31	2.40	1.0	2.0	15.1	5.09	3,500	367
4 × 5	0.31	2.40	1.0	2.1	16.6	5.09	3,500	443
4 × 6	0.31	2.40	1.0	2.2	18.1	5.09	3,500	522
4 × 7	0.31	2.40	1.0	2.3	19.7	5.09	3,500	605
4 × 8	0.31	2.40	1.0	2.4	21.3	5.09	3,500	646
4 × 9	0.31	2.40	1.0	2.5	22.9	5.09	3,500	733
4 × 10	0.31	2.40	1.0	2.5	23.3	5.09	3,500	748
4 × 11	0.31	2.40	1.0	2.5	23.3	5.09	3,500	796
4 × 12	0.31	2.40	1.0	2.5	23.9	5.09	3,500	853
4 × 13	0.31	2.40	1.0	2.6	24.5	5.09	3,500	918
4 × 14	0.31	2.40	1.0	2.6	25.3	5.09	3,500	977
4 × 15	0.31	2.40	1.0	2.7	26.1	5.09	3,500	1,047

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0.6/1KV PNCT

Standard : KS C 3317 (MOD., KSC IEC 60502-1)

선심수 Number of Cores	도체 Conductor		절연두께 Thickness of Insulation	시스두께 Thickness of Sheath	시스외경 Sheath Overall Diameter	도체저항 Conductor Resistance (20℃) (Max.)	시험전압 Test Voltage	케이블 중량 Weight
	구 성 Composition	바깥지름 Outer Diameter						
sq mm×core	Max./mm	mm	mm	mm	mm	Ω /km	V/5min.	kg/km
4 × 16	0.31	2.40	1.0	2.7	26.8	5.09	3,500	1,111
4 × 17	0.31	2.40	1.0	2.8	27.8	5.09	3,500	1,184
4 × 18	0.31	2.40	1.0	2.8	28.4	5.09	3,500	1,246
4 × 19	0.31	2.40	1.0	2.8	28.4	5.09	3,500	1,294
4 × 20	0.31	2.40	1.0	2.9	30.0	5.09	3,500	1,384
4 × 21	0.31	2.40	1.0	2.9	30.8	5.09	3,500	1,445
4 × 22	0.31	2.40	1.0	3.0	31.6	5.09	3,500	1,528
4 × 23	0.31	2.40	1.0	3.1	33.5	5.09	3,500	1,592
4 × 24	0.31	2.40	1.0	3.1	33.5	5.09	3,500	1,640
4 × 25	0.31	2.40	1.0	3.1	33.5	5.09	3,500	1,688
4 × 26	0.31	2.40	1.0	3.1	33.5	5.09	3,500	1,736
4 × 27	0.31	2.40	1.0	3.1	34.2	5.09	3,500	1,796
4 × 28	0.31	2.40	1.0	3.1	34.2	5.09	3,500	1,844
4 × 29	0.31	2.40	1.0	3.2	34.8	5.09	3,500	1,916
4 × 30	0.31	2.40	1.0	3.2	35.6	5.09	3,500	1,977
6 × 1	0.31	3.00	1.0	1.6	8.5	3.39	3,500	124
6 × 2	0.31	3.00	1.0	2.0	14.4	3.39	3,500	326
6 × 3	0.31	3.00	1.0	2.0	15.2	3.39	3,500	389
6 × 4	0.31	3.00	1.0	2.1	16.7	3.39	3,500	481
6 × 5	0.31	3.00	1.0	2.2	18.4	3.39	3,500	580
6 × 6	0.31	3.00	1.0	2.3	20.1	3.39	3,500	685
6 × 7	0.31	3.00	1.0	2.4	21.9	3.39	3,500	794
6 × 8	0.31	3.00	1.0	2.5	23.7	3.39	3,500	848
6 × 9	0.31	3.00	1.0	2.6	25.5	3.39	3,500	964
6 × 10	0.31	3.00	1.0	2.7	26.1	3.39	3,500	1,001
6 × 11	0.31	3.00	1.0	2.7	26.1	3.39	3,500	1,068
6 × 12	0.31	3.00	1.0	2.7	26.9	3.39	3,500	1,147
6 × 13	0.31	3.00	1.0	2.7	27.3	3.39	3,500	1,221
6 × 14	0.31	3.00	1.0	2.8	28.4	3.39	3,500	1,316
6 × 15	0.31	3.00	1.0	2.8	29.1	3.39	3,500	1,393
6 × 16	0.31	3.00	1.0	2.9	30.1	3.39	3,500	1,496
6 × 17	0.31	3.00	1.0	3.0	31.1	3.39	3,500	1,592
6 × 18	0.31	3.00	1.0	3.0	31.8	3.39	3,500	1,677
6 × 19	0.31	3.00	1.0	3.0	31.8	3.39	3,500	1,745
6 × 20	0.31	3.00	1.0	3.1	33.6	3.39	3,500	1,862
6 × 21	0.31	3.00	1.0	3.2	34.7	3.39	3,500	1,963
6 × 22	0.31	3.00	1.0	3.2	35.3	3.39	3,500	2,053
6 × 23	0.31	3.00	1.0	3.3	37.5	3.39	3,500	2,138
6 × 24	0.31	3.00	1.0	3.3	37.5	3.39	3,500	2,205
6 × 25	0.31	3.00	1.0	3.3	37.5	3.39	3,500	2,273
6 × 26	0.31	3.00	1.0	3.3	37.5	3.39	3,500	2,341
6 × 27	0.31	3.00	1.0	3.4	38.5	3.39	3,500	2,442

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0.6/1KV PNCT

Standard : KS C 3317 (MOD., KSC IEC 60502-1)

선심수 Number of Cores	도체 Conductor		절연두께 Thickness of Insulation	시스두께 Thickness of Sheath	시스외경 Sheath Overall Diameter	도체저항 Conductor Resistance (20℃) (Max.)	시험전압 Test Voltage	케이블 중량 Weight
	구 성 Composition	바깥지름 Outer Diameter						
sq mm×core	Max./mm	mm	mm	mm	mm	Ω /km	V/5min.	kg/km
6 × 28	0.31	3.00	1.0	3.4	38.5	3.39	3,500	2,510
6 × 29	0.31	3.00	1.0	3.4	38.9	3.39	3,500	2,585
6 × 30	0.31	3.00	1.0	3.5	40.1	3.39	3,500	2,689
10 × 1	0.31	4.00	1.0	1.7	9.7	1.95	3,500	177
10 × 2	0.31	4.00	1.0	2.1	16.6	1.95	3,500	463
10 × 3	0.31	4.00	1.0	2.2	17.8	1.95	3,500	572
10 × 4	0.31	4.00	1.0	2.3	19.6	1.95	3,500	712
10 × 5	0.31	4.00	1.0	2.4	21.5	1.95	3,500	861
16 × 1	0.31	5.70	1.0	1.8	11.6	1.24	3,500	260
16 × 2	0.31	5.70	1.0	2.3	20.4	1.24	3,500	704
16 × 3	0.31	5.70	1.0	2.4	21.8	1.24	3,500	871
16 × 4	0.31	5.70	1.0	2.6	24.3	1.24	3,500	1,094
16 × 5	0.31	5.70	1.0	2.7	26.7	1.24	3,500	1,323
25 × 1	0.31	7.20	1.2	1.9	13.7	0.795	3,500	375
25 × 2	0.31	7.20	1.2	2.6	24.9	0.795	3,500	1,049
25 × 3	0.31	7.20	1.2	2.7	26.6	0.795	3,500	1,297
25 × 4	0.31	7.20	1.2	2.9	29.6	0.795	3,500	1,629
25 × 5	0.31	7.20	1.2	3.0	32.5	0.795	3,500	1,969
35 × 1	0.31	8.40	1.2	2.0	15.1	0.565	3,500	491
35 × 2	0.31	8.40	1.2	2.8	27.7	0.565	3,500	1,363
35 × 3	0.31	8.40	1.2	2.9	29.6	0.565	3,500	1,704
35 × 4	0.31	8.40	1.2	3.1	32.9	0.565	3,500	2,143
35 × 5	0.31	8.40	1.2	3.3	36.4	0.565	3,500	2,616
50 × 1	0.31	10.30	1.4	2.2	17.9	0.393	3,500	697
50 × 2	0.31	10.30	1.4	3.1	33.0	0.393	3,500	1,947
50 × 3	0.31	10.30	1.4	3.2	35.3	0.393	3,500	2,435
50 × 4	0.31	10.30	1.4	3.4	39.1	0.393	3,500	3,063
50 × 5	0.31	10.30	1.4	3.7	43.5	0.393	3,500	3,759
70 × 1	0.51	12.20	1.4	2.3	20.0	0.277	3,500	922
70 × 2	0.51	12.20	1.4	3.3	37.2	0.277	3,500	2,564
70 × 3	0.51	12.20	1.4	3.5	40.0	0.277	3,500	3,250
70 × 4	0.51	12.20	1.4	3.7	44.3	0.277	3,500	4,092
70 × 5	0.51	12.20	1.4	4.0	49.3	0.277	3,500	5,019
95 × 1	0.51	14.10	1.6	2.5	22.7	0.210	3,500	1,210
95 × 2	0.51	14.10	1.6	3.6	42.5	0.210	3,500	3,367
95 × 3	0.51	14.10	1.6	3.8	45.6	0.210	3,500	4,267
95 × 4	0.51	14.10	1.6	4.1	50.8	0.210	3,500	5,404
95 × 5	0.51	14.10	1.6	4.4	56.4	0.210	3,500	6,619
120 × 1	0.51	15.80	1.6	2.6	24.6	0.164	3,500	1,466
120 × 2	0.51	15.80	1.6	3.9	46.5	0.164	3,500	4,096
120 × 3	0.51	15.80	1.6	4.1	49.9	0.164	3,500	5,204
120 × 4	0.51	15.80	1.6	4.4	55.5	0.164	3,500	6,586

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선심수 Number of Cores	도체 Conductor		절연두께 Thickness of Insulation	시스두께 Thickness of Sheath	시스외경 Sheath Overall Diameter	도체저항 Conductor Resistance (20℃) (Max.)	시험전압 Test Voltage	케이블 중량 Weight
	구 성 Composition	바깥지름 Outer Diameter						
sq mm × core	Max./mm	mm	mm	mm	mm	Ω /km	V/5min.	kg/km
150 × 1	0.51	17.60	1.8	2.7	27.1	0.132	3,500	1,785
150 × 2	0.51	17.60	1.8	4.2	51.6	0.132	3,500	5,037
150 × 3	0.51	17.60	1.8	4.4	55.3	0.132	3,500	6,396
150 × 4	0.51	17.60	1.8	4.7	61.5	0.132	3,500	8,091
185 × 1	0.51	19.40	2.0	2.9	29.7	0.108	3,500	2,154
185 × 2	0.51	19.40	2.0	4.4	56.0	0.108	3,500	5,990
185 × 3	0.51	19.40	2.0	4.7	60.3	0.108	3,500	7,647
185 × 4	0.51	19.40	2.0	5.1	67.2	0.108	3,500	9,707
240 × 1	0.51	22.50	2.2	3.1	33.5	0.0817	3,500	2,827
240 × 2	0.51	22.50	2.2	4.9	64.5	0.0817	3,500	7,992
240 × 3	0.51	22.50	2.2	5.2	69.3	0.0817	3,500	10,204
240 × 4	0.51	22.50	2.2	5.7	77.4	0.0817	3,500	12,977
300 × 1	0.51	25.20	2.4	3.3	37.1	0.0654	3,500	3,511
300 × 2	0.51	25.20	2.4	5.4	71.8	0.0654	3,500	9,962
300 × 3	0.51	25.20	2.4	5.7	77.1	0.0654	3,500	12,721
300 × 4	0.51	25.20	2.4	6.2	86.0	0.0654	3,500	16,166
400 × 1	0.51	28.80	2.6	3.6	41.7	0.0495	3,500	4,593
400 × 2	0.51	28.80	2.6	5.9	80.8	0.0495	3,500	12,927
400 × 3	0.51	28.80	2.6	6.3	87.0	0.0495	3,500	16,603
400 × 4	0.51	28.80	2.6	6.9	97.1	0.0495	3,500	21,147

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선심수 Number of Cores	도체 Conductor		절연두께 Thickness of Insulation	차폐소선경 Sheath Diameter Wires of Conductor	시스두께 Thickness of Sheath	시스외경 Sheath Overall Diameter	도체저항 Conductor Resistance (20℃) (Max.)	시험전압 Test Voltage	케이블 중량 Weight
	구 성 Composition	바깥지름 Outer Diameter							
sq mm×core	Max./mm	mm	mm	mm	mm	mm	Ω /km	V/5min.	kg/km
1.0 × 2	0.21	1.24	1.0	0.14	1.8	11.5	20.0	3,500	148
1.0 × 3	0.21	1.24	1.0	0.14	1.8	12.0	20.0	3,500	174
1.0 × 4	0.21	1.24	1.0	0.14	1.9	13.1	20.0	3,500	211
1.0 × 5	0.21	1.24	1.0	0.14	2.0	14.2	20.0	3,500	251
1.0 × 6	0.21	1.24	1.0	0.16	2.0	15.3	20.0	3,500	292
1.0 × 7	0.21	1.24	1.0	0.16	2.1	16.6	20.0	3,500	337
1.0 × 8	0.21	1.24	1.0	0.16	2.2	17.8	20.0	3,500	384
1.0 × 9	0.21	1.24	1.0	0.16	2.2	18.8	20.0	3,500	424
1.0 × 10	0.21	1.24	1.0	0.16	2.3	19.3	20.0	3,500	436
1.0 × 11	0.21	1.24	1.0	0.16	2.3	19.3	20.0	3,500	455
1.0 × 12	0.21	1.24	1.0	0.16	2.3	19.8	20.0	3,500	481
1.0 × 13	0.21	1.24	1.0	0.16	2.3	20.1	20.0	3,500	504
1.0 × 14	0.21	1.24	1.0	0.16	2.4	20.9	20.0	3,500	543
1.0 × 15	0.21	1.24	1.0	0.16	2.4	21.4	20.0	3,500	569
1.0 × 16	0.21	1.24	1.0	0.16	2.4	21.9	20.0	3,500	599
1.0 × 17	0.21	1.24	1.0	0.16	2.5	22.6	20.0	3,500	638
1.0 × 18	0.21	1.24	1.0	0.18	2.5	23.2	20.0	3,500	676
1.0 × 19	0.21	1.24	1.0	0.18	2.5	23.2	20.0	3,500	695
1.0 × 20	0.21	1.24	1.0	0.18	2.6	24.4	20.0	3,500	747
1.0 × 21	0.21	1.24	1.0	0.18	2.6	25.0	20.0	3,500	776
1.0 × 22	0.21	1.24	1.0	0.18	2.6	25.4	20.0	3,500	807
1.0 × 23	0.21	1.24	1.0	0.18	2.7	26.9	20.0	3,500	847
1.0 × 24	0.21	1.24	1.0	0.18	2.7	26.9	20.0	3,500	866
1.0 × 25	0.21	1.24	1.0	0.18	2.7	26.9	20.0	3,500	885
1.0 × 26	0.21	1.24	1.0	0.18	2.7	26.9	20.0	3,500	903
1.0 × 27	0.21	1.24	1.0	0.18	2.8	27.6	20.0	3,500	946
1.0 × 28	0.21	1.24	1.0	0.18	2.8	27.6	20.0	3,500	965
1.0 × 29	0.21	1.24	1.0	0.18	2.8	27.9	20.0	3,500	988
1.0 × 30	0.21	1.24	1.0	0.18	2.8	28.5	20.0	3,500	1,018
1.5 × 1	0.26	1.50	1.0	0.12	1.6	7.9	13.7	3,500	86
1.5 × 2	0.26	1.50	1.0	0.14	1.8	12.0	13.7	3,500	165
1.5 × 3	0.26	1.50	1.0	0.14	1.9	12.8	13.7	3,500	202
1.5 × 4	0.26	1.50	1.0	0.14	1.9	13.7	13.7	3,500	239
1.5 × 5	0.26	1.50	1.0	0.16	2.0	15.0	13.7	3,500	291
1.5 × 6	0.26	1.50	1.0	0.16	2.1	16.3	13.7	3,500	342
1.5 × 7	0.26	1.50	1.0	0.16	2.2	17.6	13.7	3,500	394
1.5 × 8	0.26	1.50	1.0	0.16	2.2	18.7	13.7	3,500	440
1.5 × 9	0.26	1.50	1.0	0.16	2.3	20.1	13.7	3,500	497
1.5 × 10	0.26	1.50	1.0	0.16	2.3	20.4	13.7	3,500	501
1.5 × 11	0.26	1.50	1.0	0.16	2.3	20.4	13.7	3,500	525
1.5 × 12	0.26	1.50	1.0	0.16	2.4	21.1	13.7	3,500	568
1.5 × 13	0.26	1.50	1.0	0.16	2.4	21.4	13.7	3,500	597

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Standard : KS C 3317 (MOD., KSC IEC 60502-1)

선심수 Number of Cores	도체 Conductor		절연두께 Thickness of Insulation	차폐소선경 Sheath Diameter Wires of Conductor	시스두께 Thickness of Sheath	시스외경 Sheath Overall Diameter	도체저항 Conductor Resistance (20℃) (Max.)	시험전압 Test Voltage	케이블 중량 Weight
	구 성 Composition	바깥지름 Outer Diameter							
sq mm × core	Max./mm	mm	mm	mm	mm	mm	Ω /km	V/5min.	kg/km
1.5 × 14	0.26	1.50	1.0	0.16	2.4	22.1	13.7	3,500	631
1.5 × 15	0.26	1.50	1.0	0.18	2.5	22.8	13.7	3,500	682
1.5 × 16	0.26	1.50	1.0	0.18	2.5	23.4	13.7	3,500	719
1.5 × 17	0.26	1.50	1.0	0.18	2.5	24.0	13.7	3,500	753
1.5 × 18	0.26	1.50	1.0	0.18	2.6	24.7	13.7	3,500	801
1.5 × 19	0.26	1.50	1.0	0.18	2.6	24.7	13.7	3,500	825
1.5 × 20	0.26	1.50	1.0	0.18	2.7	26.0	13.7	3,500	885
1.5 × 21	0.26	1.50	1.0	0.18	2.7	26.7	13.7	3,500	921
1.5 × 22	0.26	1.50	1.0	0.18	2.7	27.1	13.7	3,500	958
1.5 × 23	0.26	1.50	1.0	0.18	2.8	28.7	13.7	3,500	1,004
1.5 × 24	0.26	1.50	1.0	0.18	2.8	28.7	13.7	3,500	1,027
1.5 × 25	0.26	1.50	1.0	0.18	2.8	28.7	13.7	3,500	1,051
1.5 × 26	0.26	1.50	1.0	0.18	2.8	28.7	13.7	3,500	1,075
1.5 × 27	0.26	1.50	1.0	0.18	2.9	29.5	13.7	3,500	1,124
1.5 × 28	0.26	1.50	1.0	0.18	2.9	29.5	13.7	3,500	1,148
1.5 × 29	0.26	1.50	1.0	0.18	2.9	29.7	13.7	3,500	1,178
1.5 × 30	0.26	1.50	1.0	0.18	2.9	30.4	13.7	3,500	1,213
2.5 × 1	0.26	1.90	1.0	0.12	1.6	8.3	8.21	3,500	100
2.5 × 2	0.26	1.90	1.0	0.14	1.9	13.0	8.21	3,500	201
2.5 × 3	0.26	1.90	1.0	0.14	1.9	13.6	8.21	3,500	243
2.5 × 4	0.26	1.90	1.0	0.16	2.0	15.0	8.21	3,500	304
2.5 × 5	0.26	1.90	1.0	0.16	2.1	16.3	8.21	3,500	365
2.5 × 6	0.26	1.90	1.0	0.16	2.2	17.7	8.21	3,500	429
2.5 × 7	0.26	1.90	1.0	0.16	2.3	19.2	8.21	3,500	496
2.5 × 8	0.26	1.90	1.0	0.16	2.3	20.4	8.21	3,500	555
2.5 × 9	0.26	1.90	1.0	0.16	2.4	21.9	8.21	3,500	627
2.5 × 10	0.26	1.90	1.0	0.18	2.4	22.3	8.21	3,500	644
2.5 × 11	0.26	1.90	1.0	0.18	2.4	22.3	8.21	3,500	678
2.5 × 12	0.26	1.90	1.0	0.18	2.5	23.1	8.21	3,500	734
2.5 × 13	0.26	1.90	1.0	0.18	2.5	23.4	8.21	3,500	773
2.5 × 14	0.26	1.90	1.0	0.18	2.6	24.3	8.21	3,500	831
2.5 × 15	0.26	1.90	1.0	0.18	2.6	24.9	8.21	3,500	874
2.5 × 16	0.26	1.90	1.0	0.18	2.6	25.5	8.21	3,500	923
2.5 × 17	0.26	1.90	1.0	0.18	2.7	26.3	8.21	3,500	981
2.5 × 18	0.26	1.90	1.0	0.18	2.7	26.9	8.21	3,500	1,029
2.5 × 19	0.26	1.90	1.0	0.18	2.7	26.9	8.21	3,500	1,063
2.5 × 20	0.26	1.90	1.0	0.18	2.8	28.3	8.21	3,500	1,138
2.5 × 21	0.26	1.90	1.0	0.18	2.8	29.1	8.21	3,500	1,185
2.5 × 22	0.26	1.90	1.0	0.18	2.9	29.8	8.21	3,500	1,250
2.5 × 23	0.26	1.90	1.0	0.18	3.0	31.5	8.21	3,500	1,307
2.5 × 24	0.26	1.90	1.0	0.18	3.0	31.6	8.21	3,500	1,353
2.5 × 25	0.26	1.90	1.0	0.18	3.0	31.6	8.21	3,500	1,387

Rubber Insulated Flexible Cables | 고무절연 캡타이어 케이블

0.6/1KV PNCTS

Standard : KS C 3317 (MOD., KSC IEC 60502-1)

선심수 Number of Cores	도체 Conductor		절연두께 Thickness of Insulation	차폐소선경 Sheath Diameter Wires of Conductor	시스두께 Thickness of Sheath	시스외경 Sheath Overall Diameter	도체저항 Conductor Resistance (20℃) (Max.)	시험전압 Test Voltage	케이블 중량 Weight
	구 성 Composition	바깥지름 Outer Diameter							
sq mm×core	Max./mm	mm	mm	mm	mm	mm	Ω /km	V/5min.	kg/km
2.5 × 26	0.26	1.90	1.0	0.18	3.0	31.6	8.21	3,500	1,421
2.5 × 27	0.26	1.90	1.0	0.18	3.0	32.2	8.21	3,500	1,467
2.5 × 28	0.26	1.90	1.0	0.18	3.0	32.2	8.21	3,500	1,500
2.5 × 29	0.26	1.90	1.0	0.18	3.0	32.5	8.21	3,500	1,540
2.5 × 30	0.26	1.90	1.0	0.26	3.1	33.5	8.21	3,500	1,605
4 × 1	0.31	2.40	1.0	0.12	1.7	9.0	5.09	3,500	124
4 × 2	0.31	2.40	1.0	0.14	2.0	14.2	5.09	3,500	250
4 × 3	0.31	2.40	1.0	0.16	2.0	15.0	5.09	3,500	313
4 × 4	0.31	2.40	1.0	0.16	2.1	16.4	5.09	3,500	387
4 × 5	0.31	2.40	1.0	0.16	2.2	17.9	5.09	3,500	466
4 × 6	0.31	2.40	1.0	0.16	2.3	19.5	5.09	3,500	549
4 × 7	0.31	2.40	1.0	0.16	2.4	21.0	5.09	3,500	636
4 × 8	0.31	2.40	1.0	0.16	2.5	22.6	5.09	3,500	727
4 × 9	0.31	2.40	1.0	0.18	2.6	24.3	5.09	3,500	829
4 × 10	0.31	2.40	1.0	0.18	2.6	24.7	5.09	3,500	846
4 × 11	0.31	2.40	1.0	0.18	2.6	24.7	5.09	3,500	894
4 × 12	0.31	2.40	1.0	0.18	2.6	25.4	5.09	3,500	954
4 × 13	0.31	2.40	1.0	0.18	2.7	25.9	5.09	3,500	1,022
4 × 14	0.31	2.40	1.0	0.18	2.7	26.7	5.09	3,500	1,084
4 × 15	0.31	2.40	1.0	0.18	2.7	27.4	5.09	3,500	1,143
4 × 16	0.31	2.40	1.0	0.18	2.8	28.2	5.09	3,500	1,224
4 × 17	0.31	2.40	1.0	0.18	2.8	29.0	5.09	3,500	1,285
4 × 18	0.31	2.40	1.0	0.18	2.9	29.8	5.09	3,500	1,365
4 × 19	0.31	2.40	1.0	0.18	2.9	29.8	5.09	3,500	1,413
4 × 20	0.31	2.40	1.0	0.18	3.0	31.4	5.09	3,500	1,510
4 × 21	0.31	2.40	1.0	0.18	3.0	32.3	5.09	3,500	1,587
4 × 22	0.31	2.40	1.0	0.26	3.1	33.1	5.09	3,500	1,671
4 × 23	0.31	2.40	1.0	0.26	3.2	35.0	5.09	3,500	1,745
4 × 24	0.31	2.40	1.0	0.26	3.2	35.0	5.09	3,500	1,793
4 × 25	0.31	2.40	1.0	0.26	3.2	35.0	5.09	3,500	1,842
4 × 26	0.31	2.40	1.0	0.26	3.2	35.0	5.09	3,500	1,890
4 × 27	0.31	2.40	1.0	0.26	3.2	35.7	5.09	3,500	1,952
4 × 28	0.31	2.40	1.0	0.26	3.2	35.7	5.09	3,500	2,001
4 × 29	0.31	2.40	1.0	0.26	3.3	36.3	5.09	3,500	2,075
4 × 30	0.31	2.40	1.0	0.26	3.3	37.4	5.09	3,500	2,182
6 × 1	0.31	3.00	1.0	0.14	1.7	9.7	3.39	3,500	153
6 × 2	0.31	3.00	1.0	0.16	2.1	15.7	3.39	3,500	318
6 × 3	0.31	3.00	1.0	0.16	2.1	16.5	3.39	3,500	398
6 × 4	0.31	3.00	1.0	0.16	2.2	18.1	3.39	3,500	496
6 × 5	0.31	3.00	1.0	0.16	2.3	19.7	3.39	3,500	599
6 × 6	0.31	3.00	1.0	0.16	2.4	21.5	3.39	3,500	708
6 × 7	0.31	3.00	1.0	0.16	2.5	23.2	3.39	3,500	821

Rubber Insulated Flexible Cables | 고무절연 캡타이어 케이블

0.6/1KV PNCTS

Standard : KS C 3317 (MOD., KSC IEC 60502-1)

선심수 Number of Cores	도체 Conductor		절연두께 Thickness of Insulation	차폐소선경 Sheath Diameter Wires of Conductor	시스두께 Thickness of Sheath	시스외경 Sheath Overall Diameter	도체저항 Conductor Resistance (20℃) (Max.)	시험전압 Test Voltage	케이블 중량 Weight
	구 성 Composition	바깥지름 Outer Diameter							
sq mm × core	Max./mm	mm	mm	mm	mm	mm	Ω /km	V/5min.	kg/km
6 × 8	0.31	3.00	1.0	0.18	2.6	25.1	3.39	3,500	948
6 × 9	0.31	3.00	1.0	0.18	2.7	26.9	3.39	3,500	1,070
6 × 10	0.31	3.00	1.0	0.18	2.7	27.3	3.39	3,500	1,096
6 × 11	0.31	3.00	1.0	0.18	2.7	27.3	3.39	3,500	1,164
6 × 12	0.31	3.00	1.0	0.18	2.8	28.3	3.39	3,500	1,260
6 × 13	0.31	3.00	1.0	0.18	2.8	28.7	3.39	3,500	1,335
6 × 14	0.31	3.00	1.0	0.18	2.9	29.8	3.39	3,500	1,435
6 × 15	0.31	3.00	1.0	0.18	2.9	30.5	3.39	3,500	1,515
6 × 16	0.31	3.00	1.0	0.18	3.0	31.6	3.39	3,500	1,633
6 × 17	0.31	3.00	1.0	0.18	3.0	32.4	3.39	3,500	1,717
6 × 18	0.31	3.00	1.0	0.20	3.1	33.3	3.39	3,500	1,823
6 × 19	0.31	3.00	1.0	0.26	3.1	33.3	3.39	3,500	1,890
6 × 20	0.31	3.00	1.0	0.26	3.2	35.1	3.39	3,500	2,016
6 × 21	0.31	3.00	1.0	0.26	3.3	36.2	3.39	3,500	2,123
6 × 22	0.31	3.00	1.0	0.26	3.3	36.9	3.39	3,500	2,214
6 × 23	0.31	3.00	1.0	0.26	3.4	39.3	3.39	3,500	2,354
6 × 24	0.31	3.00	1.0	0.26	3.4	39.3	3.39	3,500	2,421
6 × 25	0.31	3.00	1.0	0.26	3.4	39.3	3.39	3,500	2,489
6 × 26	0.31	3.00	1.0	0.26	3.4	39.3	3.39	3,500	2,557
6 × 27	0.31	3.00	1.0	0.26	3.5	40.3	3.39	3,500	2,663
6 × 28	0.31	3.00	1.0	0.26	3.5	40.3	3.39	3,500	2,731
6 × 29	0.31	3.00	1.0	0.26	3.5	40.7	3.39	3,500	2,809
6 × 30	0.31	3.00	1.0	0.26	3.6	41.8	3.39	3,500	2,919
10 × 1	0.41	4.00	1.0	0.14	1.8	10.9	1.95	3,500	210
10 × 2	0.41	4.00	1.0	0.16	2.2	17.9	1.95	3,500	436
10 × 3	0.41	4.00	1.0	0.16	2.3	19.1	1.95	3,500	569
10 × 4	0.41	4.00	1.0	0.16	2.4	20.9	1.95	3,500	715
10 × 5	0.41	4.00	1.0	0.16	2.5	22.8	1.95	3,500	869
16 × 1	0.41	5.70	1.0	0.16	1.9	12.9	1.24	3,500	303
16 × 2	0.41	5.70	1.0	0.16	2.4	21.8	1.24	3,500	633
16 × 3	0.41	5.70	1.0	0.18	2.5	23.3	1.24	3,500	844
16 × 4	0.41	5.70	1.0	0.18	2.6	25.5	1.24	3,500	1,067
16 × 5	0.41	5.70	1.0	0.18	2.8	28.2	1.24	3,500	1,316
25 × 1	0.41	7.20	1.2	0.18	2.0	15.1	0.795	3,500	429
25 × 2	0.41	7.20	1.2	0.18	2.7	26.3	0.795	3,500	922
25 × 3	0.41	7.20	1.2	0.18	2.8	28.0	0.795	3,500	1,225
25 × 4	0.41	7.20	1.2	0.18	2.9	30.8	0.795	3,500	1,555
25 × 5	0.41	7.20	1.2	0.26	3.1	34.1	0.795	3,500	1,932
35 × 1	0.41	8.40	1.2	0.16	2.1	16.6	0.565	3,500	555
35 × 2	0.41	8.40	1.2	0.18	2.8	29.0	0.565	3,500	1,183
35 × 3	0.41	8.40	1.2	0.18	3.0	31.1	0.565	3,500	1,606
35 × 4	0.41	8.40	1.2	0.26	3.1	34.2	0.565	3,500	2,047

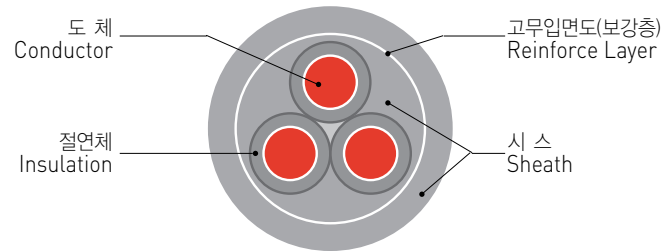
Rubber Insulated Flexible Cables | 고무절연 캡타이어 케이블

0.6/1KV PNCTS

Standard : KS C 3317 (MOD., KSC IEC 60502-1)

선심수 Number of Cores	도체 Conductor		절연두께 Thickness of Insulation	차폐소선경 Sheath Diameter Wires of Conductor	시스두께 Thickness of Sheath	시스외경 Sheath Overall Diameter	도체저항 Conductor Resistance (20℃) (Max.)	시험전압 Test Voltage	케이블 중량 Weight
	구 성 Composition	바깥지름 Outer Diameter							
sq mm×core	Max./mm	mm	mm	mm	mm	mm	Ω /km	V/5min.	kg/km
35 × 5	0.41	8.40	1.2	0.26	3.4	38.2	0.565	3,500	2,590
50 × 1	0.41	10.40	1.4	0.16	2.3	19.2	0.393	3,500	756
50 × 2	0.41	10.30	1.4	0.26	3.2	34.5	0.393	3,500	1,668
50 × 3	0.41	10.30	1.4	0.26	3.3	36.8	0.393	3,500	2,254
50 × 4	0.41	10.30	1.4	0.26	3.5	40.9	0.393	3,500	2,953
50 × 5	0.41	10.30	1.4	0.26	3.8	45.3	0.393	3,500	3,663
70 × 1	0.51	12.20	1.4	0.16	2.4	21.3	0.277	3,500	985
70 × 2	0.51	12.20	1.4	0.26	3.4	39.0	0.277	3,500	2,216
70 × 3	0.51	12.20	1.4	0.26	3.6	41.8	0.277	3,500	3,032
70 × 4	0.51	12.20	1.4	0.26	3.8	46.1	0.277	3,500	3,909
70 × 5	0.51	12.20	1.4	0.26	4.1	51.1	0.277	3,500	4,850
95 × 1	0.51	14.10	1.6	0.18	2.5	23.9	0.210	3,500	1,275
95 × 2	0.51	14.10	1.6	0.26	3.7	44.3	0.210	3,500	2,864
95 × 3	0.51	14.10	1.6	0.26	3.9	47.4	0.210	3,500	3,936
95 × 4	0.51	14.10	1.6	0.26	4.2	52.5	0.210	3,500	5,112
95 × 5	0.51	14.10	1.6	0.26	4.5	58.2	0.210	3,500	6,341
120 × 1	0.51	15.80	1.6	0.18	2.7	26.0	0.164	3,500	1,546
120 × 2	0.51	15.80	1.6	0.26	4.0	48.3	0.164	3,500	3,463
120 × 3	0.51	15.80	1.6	0.26	4.2	51.7	0.164	3,500	4,773
120 × 4	0.51	15.80	1.6	0.26	4.5	57.3	0.164	3,500	6,202
150 × 1	0.51	17.60	1.8	0.18	2.8	28.5	0.132	3,500	1,871
150 × 2	0.51	17.60	1.8	0.26	4.3	53.4	0.132	3,500	4,212
150 × 3	0.51	17.60	1.8	0.26	4.5	57.1	0.132	3,500	5,821
150 × 4	0.51	17.60	1.8	0.26	4.8	63.3	0.132	3,500	7,568
185 × 1	0.51	19.40	2.0	0.18	3.0	31.1	0.108	3,500	2,244
185 × 2	0.51	19.40	2.0	0.26	4.6	58.4	0.108	3,500	5,039
185 × 3	0.51	19.40	2.0	0.26	4.8	62.5	0.108	3,500	6,978
185 × 4	0.51	19.40	2.0	0.26	5.2	69.5	0.108	3,500	9,112
240 × 1	0.51	22.50	2.2	0.20	3.2	35.4	0.0817	3,500	2,962
240 × 2	0.51	22.50	2.2	0.26	5.1	67.0	0.0817	3,500	6,644
240 × 3	0.51	22.50	2.2	0.26	5.3	71.6	0.0817	3,500	9,232
240 × 4	0.51	22.50	2.2	0.26	5.8	79.7	0.0817	3,500	12,102
300 × 1	0.51	25.20	2.4	0.26	3.4	39.2	0.0654	3,500	3,698
300 × 2	0.51	25.20	2.4	0.26	5.5	74.1	0.0654	3,500	8,193
300 × 3	0.51	25.20	2.4	0.26	5.8	79.4	0.0654	3,500	11,459
300 × 4	0.51	25.20	2.4	0.26	6.3	88.4	0.0654	3,500	15,015
400 × 1	0.51	28.80	2.6	0.26	3.7	43.9	0.0495	3,500	4,794
400 × 2	0.51	28.80	2.6	0.26	6.0	83.2	0.0495	3,500	10,588
400 × 3	0.51	28.80	2.6	0.26	6.4	89.4	0.0495	3,500	14,911
400 × 4	0.51	28.80	2.6	0.26	7.0	99.6	0.0495	3,500	19,591

Rubber Insulated Flexible Cables | 고무절연 캡타이어 케이블



0.6/1KV PNCT-R

Standard : KSC IEC 60502-1

선심수 Number of Cores	도체 Conductor		절연두께 Thickness of Insulation	시스두께 Thickness of Sheath	보강층 Thickness of Reinforce	시스외경 Sheath Overall Diameter	도체저항 Conductor Resistance (20℃) (Max.)	시험전압 Test Voltage	케이블 중량 Weight
	구 성 Composition	바깥지름 Outer Diameter							
sq mm × core	Max./mm	mm	mm	mm	mm	mm	Ω /km	V/5min.	kg/km
1.0 × 2	0.21	1.24	1.10	2.7	0.5	13.8	20.0	3,500	242
1.0 × 3	0.21	1.24	1.10	2.7	0.5	14.3	20.0	3,500	266
1.0 × 4	0.21	1.24	1.10	2.8	0.5	15.4	20.0	3,500	310
1.0 × 5	0.21	1.24	1.10	2.8	0.5	16.5	20.0	3,500	350
1.0 × 6	0.21	1.24	1.10	2.9	0.5	17.7	20.0	3,500	402
1.0 × 7	0.21	1.24	1.10	3.0	0.5	19.0	20.0	3,500	456
1.0 × 8	0.21	1.24	1.10	3.1	0.5	20.3	20.0	3,500	484
1.0 × 9	0.21	1.24	1.10	3.1	0.5	21.4	20.0	3,500	532
1.0 × 10	0.21	1.24	1.10	3.1	0.5	21.7	20.0	3,500	535
1.0 × 11	0.21	1.24	1.10	3.1	0.5	21.7	20.0	3,500	556
1.0 × 12	0.21	1.24	1.10	3.2	0.5	22.5	20.0	3,500	598
1.0 × 13	0.21	1.24	1.10	3.2	0.5	22.8	20.0	3,500	624
1.0 × 14	0.21	1.24	1.10	3.2	0.5	23.4	20.0	3,500	656
1.0 × 15	0.21	1.24	1.10	3.3	0.5	24.1	20.0	3,500	698
1.0 × 16	0.21	1.24	1.10	3.3	0.5	24.6	20.0	3,500	733
1.0 × 17	0.21	1.24	1.10	3.4	0.5	25.4	20.0	3,500	777
1.0 × 18	0.21	1.24	1.10	3.4	0.5	25.9	20.0	3,500	811
1.0 × 19	0.21	1.24	1.10	3.4	0.5	25.9	20.0	3,500	831
1.0 × 20	0.21	1.24	1.10	3.5	0.5	27.2	20.0	3,500	891
1.0 × 21	0.21	1.24	1.10	3.5	0.5	27.9	20.0	3,500	925
1.0 × 22	0.21	1.24	1.10	3.5	0.5	28.3	20.0	3,500	959
1.0 × 23	0.21	1.24	1.10	3.6	0.5	29.9	20.0	3,500	1,008
1.0 × 24	0.21	1.24	1.10	3.6	0.5	29.9	20.0	3,500	1,028
1.0 × 25	0.21	1.24	1.10	3.6	0.5	29.9	20.0	3,500	1,049
1.0 × 26	0.21	1.24	1.10	3.6	0.5	29.9	20.0	3,500	1,070
1.0 × 27	0.21	1.24	1.10	3.7	0.5	30.6	20.0	3,500	1,117
1.0 × 28	0.21	1.24	1.10	3.7	0.5	30.6	20.0	3,500	1,138
1.0 × 29	0.21	1.24	1.10	3.7	0.5	30.9	20.0	3,500	1,164
1.0 × 30	0.21	1.24	1.10	3.7	0.5	31.5	20.0	3,500	1,198

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Standard : KSC IEC 60502-1)

선심수 Number of Cores	도체 Conductor		절연두께 Thickness of Insulation	시스두께 Thickness of Sheath	보강층 Thickness of Reinforce	시스외경 Sheath Overall Diameter	도체저항 Conductor Resistance (20℃) (Max.)	시험전압 Test Voltage	케이블 중량 Weight
	구 성 Composition	바깥지름 Outer Diameter							
sq mm×core	Max./mm	mm	mm	mm	mm	mm	Ω /km	V/5min.	kg/km
1.5 × 1	0.26	1.50	1.10	2.5	0.5	10.1	13.7	3,500	142
1.5 × 2	0.26	1.50	1.10	2.7	0.5	14.3	13.7	3,500	266
1.5 × 3	0.26	1.50	1.10	2.7	0.5	14.9	13.7	3,500	294
1.5 × 4	0.26	1.50	1.10	2.8	0.5	16.1	13.7	3,500	345
1.5 × 5	0.26	1.50	1.10	2.9	0.5	17.4	13.7	3,500	400
1.5 × 6	0.26	1.50	1.10	3.0	0.5	18.7	13.7	3,500	460
1.5 × 7	0.26	1.50	1.10	3.0	0.5	19.9	13.7	3,500	513
1.5 × 8	0.26	1.50	1.10	3.1	0.5	21.3	13.7	3,500	545
1.5 × 9	0.26	1.50	1.10	3.2	0.5	22.7	13.7	3,500	611
1.5 × 10	0.26	1.50	1.10	3.2	0.5	23.0	13.7	3,500	617
1.5 × 11	0.26	1.50	1.10	3.2	0.5	23.0	13.7	3,500	643
1.5 × 12	0.26	1.50	1.10	3.3	0.5	23.8	13.7	3,500	692
1.5 × 13	0.26	1.50	1.10	3.3	0.5	24.1	13.7	3,500	723
1.5 × 14	0.26	1.50	1.10	3.3	0.5	24.7	13.7	3,500	762
1.5 × 15	0.26	1.50	1.10	3.4	0.5	25.5	13.7	3,500	811
1.5 × 16	0.26	1.50	1.10	3.4	0.5	26.0	13.7	3,500	851
1.5 × 17	0.26	1.50	1.10	3.4	0.5	26.7	13.7	3,500	889
1.5 × 18	0.26	1.50	1.10	3.5	0.5	27.4	13.7	3,500	943
1.5 × 19	0.26	1.50	1.10	3.5	0.5	27.4	13.7	3,500	968
1.5 × 20	0.26	1.50	1.10	3.5	0.5	28.6	13.7	3,500	1,023
1.5 × 21	0.26	1.50	1.10	3.6	0.5	29.5	13.7	3,500	1,078
1.5 × 22	0.26	1.50	1.10	3.6	0.5	29.9	13.7	3,500	1,120
1.5 × 23	0.26	1.50	1.10	3.7	0.5	31.6	13.7	3,500	1,174
1.5 × 24	0.26	1.50	1.10	3.7	0.5	31.6	13.7	3,500	1,200
1.5 × 25	0.26	1.50	1.10	3.7	0.5	31.6	13.7	3,500	1,226
1.5 × 26	0.26	1.50	1.10	3.7	0.5	31.6	13.7	3,500	1,251
1.5 × 27	0.26	1.50	1.10	3.8	0.5	32.4	13.7	3,500	1,306
1.5 × 28	0.26	1.50	1.10	3.8	0.5	32.4	13.7	3,500	1,332
1.5 × 29	0.26	1.50	1.10	3.8	0.5	32.7	13.7	3,500	1,364
1.5 × 30	0.26	1.50	1.10	3.8	0.5	33.4	13.7	3,500	1,405
2.5 × 1	0.26	1.90	1.10	2.5	0.5	10.5	8.21	3,500	162
2.5 × 2	0.26	1.90	1.10	2.8	0.5	15.3	8.21	3,500	315
2.5 × 3	0.26	1.90	1.10	2.8	0.5	16.0	8.21	3,500	353
2.5 × 4	0.26	1.90	1.10	2.9	0.5	17.3	8.21	3,500	417
2.5 × 5	0.26	1.90	1.10	3.0	0.5	18.7	8.21	3,500	487
2.5 × 6	0.26	1.90	1.10	3.0	0.5	19.9	8.21	3,500	552
2.5 × 7	0.26	1.90	1.10	3.1	0.5	21.4	8.21	3,500	629
2.5 × 8	0.26	1.90	1.10	3.2	0.5	22.9	8.21	3,500	668
2.5 × 9	0.26	1.90	1.10	3.3	0.5	24.5	8.21	3,500	749
2.5 × 10	0.26	1.90	1.10	3.3	0.5	24.8	8.21	3,500	761
2.5 × 11	0.26	1.90	1.10	3.3	0.5	24.8	8.21	3,500	797
2.5 × 12	0.26	1.90	1.10	3.4	0.5	25.6	8.21	3,500	859

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선심수 Number of Cores	도체 Conductor		절연두께 Thickness of Insulation	시스두께 Thickness of Sheath	보강층 Thickness of Reinforce	시스외경 Sheath Overall Diameter	도체저항 Conductor Resistance (20℃) (Max.)	시험전압 Test Voltage	케이블 중량 Weight
	구 성 Composition	바깥지름 Outer Diameter							
sq mm × core	Max./mm	mm	mm	mm	mm	mm	Ω /km	V/5min.	kg/km
2.5 × 13	0.26	1.90	1.10	3.4	0.5	26.0	8.21	3,500	901
2.5 × 14	0.26	1.90	1.10	3.4	0.5	26.7	8.21	3,500	952
2.5 × 15	0.26	1.90	1.10	3.5	0.5	27.5	8.21	3,500	1,013
2.5 × 16	0.26	1.90	1.10	3.5	0.5	28.1	8.21	3,500	1,067
2.5 × 17	0.26	1.90	1.10	3.6	0.5	29.0	8.21	3,500	1,131
2.5 × 18	0.26	1.90	1.10	3.6	0.5	29.6	8.21	3,500	1,184
2.5 × 19	0.26	1.90	1.10	3.6	0.5	29.6	8.21	3,500	1,220
2.5 × 20	0.26	1.90	1.10	3.7	0.5	31.1	8.21	3,500	1,303
2.5 × 21	0.26	1.90	1.10	3.7	0.5	31.9	8.21	3,500	1,356
2.5 × 22	0.26	1.90	1.10	3.8	0.5	32.6	8.21	3,500	1,426
2.5 × 23	0.26	1.90	1.10	3.9	0.5	34.5	8.21	3,500	1,493
2.5 × 24	0.26	1.90	1.10	3.9	0.5	34.5	8.21	3,500	1,529
2.5 × 25	0.26	1.90	1.10	3.9	0.5	34.5	8.21	3,500	1,565
2.5 × 26	0.26	1.90	1.10	3.9	0.5	34.5	8.21	3,500	1,601
2.5 × 27	0.26	1.90	1.10	3.9	0.5	35.1	8.21	3,500	1,651
2.5 × 28	0.26	1.90	1.10	3.9	0.5	35.1	8.21	3,500	1,687
2.5 × 29	0.26	1.90	1.10	4.0	0.5	35.7	8.21	3,500	1,748
2.5 × 30	0.26	1.90	1.10	4.0	0.5	36.4	8.21	3,500	1,801
4 × 1	0.31	2.40	1.10	2.5	0.5	11.0	5.09	3,500	190
4 × 2	0.31	2.40	1.10	2.8	0.5	16.3	5.09	3,500	372
4 × 3	0.31	2.40	1.10	2.9	0.5	17.2	5.09	3,500	432
4 × 4	0.31	2.40	1.10	3.0	0.5	18.7	5.09	3,500	514
4 × 5	0.31	2.40	1.10	3.0	0.5	20.0	5.09	3,500	595
4 × 6	0.31	2.40	1.10	3.1	0.5	21.6	5.09	3,500	689
4 × 7	0.31	2.40	1.10	3.2	0.5	23.3	5.09	3,500	787
4 × 8	0.31	2.40	1.10	3.3	0.5	24.9	5.09	3,500	839
4 × 9	0.31	2.40	1.10	3.4	0.5	26.6	5.09	3,500	941
4 × 10	0.31	2.40	1.10	3.5	0.5	27.2	5.09	3,500	974
4 × 11	0.31	2.40	1.10	3.5	0.5	27.2	5.09	3,500	1,025
4 × 12	0.31	2.40	1.10	3.5	0.5	27.9	5.09	3,500	1,090
4 × 13	0.31	2.40	1.10	3.5	0.5	28.3	5.09	3,500	1,148
4 × 14	0.31	2.40	1.10	3.6	0.5	29.3	5.09	3,500	1,231
4 × 15	0.31	2.40	1.10	3.6	0.5	30.0	5.09	3,500	1,294
4 × 16	0.31	2.40	1.10	3.7	0.5	30.9	5.09	3,500	1,382
4 × 17	0.31	2.40	1.10	3.7	0.5	31.7	5.09	3,500	1,449
4 × 18	0.31	2.40	1.10	3.8	0.5	32.5	5.09	3,500	1,535
4 × 19	0.31	2.40	1.10	3.8	0.5	32.5	5.09	3,500	1,585
4 × 20	0.31	2.40	1.10	3.9	0.5	34.2	5.09	3,500	1,691
4 × 21	0.31	2.40	1.10	3.9	0.5	35.1	5.09	3,500	1,762
4 × 22	0.31	2.40	1.10	4.0	0.5	35.8	5.09	3,500	1,853
4 × 23	0.31	2.40	1.10	4.1	0.5	37.9	5.09	3,500	1,937
4 × 24	0.31	2.40	1.10	4.1	0.5	37.9	5.09	3,500	1,987

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선심수 Number of Cores	도체 Conductor		절연두께 Thickness of Insulation	시스두께 Thickness of Sheath	보강층 Thickness of Reinforce	시스외경 Sheath Overall Diameter	도체저항 Conductor Resistance (20℃) (Max.)	시험전압 Test Voltage	케이블 중량 Weight
	구 성 Composition	바깥지름 Outer Diameter							
sq mm×core	Max./mm	mm	mm	mm	mm	mm	Ω /km	V/5min.	kg/km
4 × 25	0.31	2.40	1.10	4.1	0.5	37.9	5.09	3,500	2,037
4 × 26	0.31	2.40	1.10	4.1	0.5	37.9	5.09	3,500	2,088
4 × 27	0.31	2.40	1.10	4.1	0.5	38.6	5.09	3,500	2,155
4 × 28	0.31	2.40	1.10	4.1	0.5	38.6	5.09	3,500	2,206
4 × 29	0.31	2.40	1.10	4.2	0.5	39.2	5.09	3,500	2,285
4 × 30	0.31	2.40	1.10	4.2	0.5	40.0	5.09	3,500	2,356
6 × 1	0.31	3.00	1.10	2.6	0.5	11.8	3.39	3,500	232
6 × 2	0.31	3.00	1.10	2.9	0.5	17.7	3.39	3,500	456
6 × 3	0.31	3.00	1.10	3.0	0.5	18.7	3.39	3,500	536
6 × 4	0.31	3.00	1.10	3.1	0.5	20.3	3.39	3,500	643
6 × 5	0.31	3.00	1.10	3.2	0.5	22.1	3.39	3,500	759
6 × 6	0.31	3.00	1.10	3.3	0.5	23.9	3.39	3,500	881
6 × 7	0.31	3.00	1.10	3.4	0.5	25.7	3.39	3,500	1,009
6 × 8	0.31	3.00	1.10	3.5	0.5	27.5	3.39	3,500	1,076
6 × 9	0.31	3.00	1.10	3.6	0.5	29.4	3.39	3,500	1,208
6 × 10	0.31	3.00	1.10	3.6	0.5	29.8	3.39	3,500	1,237
6 × 11	0.31	3.00	1.10	3.6	0.5	29.8	3.39	3,500	1,307
6 × 12	0.31	3.00	1.10	3.7	0.5	30.8	3.39	3,500	1,411
6 × 13	0.31	3.00	1.10	3.7	0.5	31.3	3.39	3,500	1,490
6 × 14	0.31	3.00	1.10	3.8	0.5	32.4	3.39	3,500	1,597
6 × 15	0.31	3.00	1.10	3.8	0.5	33.1	3.39	3,500	1,683
6 × 16	0.31	3.00	1.10	3.9	0.5	34.1	3.39	3,500	1,797
6 × 17	0.31	3.00	1.10	3.9	0.5	35.0	3.39	3,500	1,887
6 × 18	0.31	3.00	1.10	4.0	0.5	36.0	3.39	3,500	1,998
6 × 19	0.31	3.00	1.10	4.0	0.5	36.0	3.39	3,500	2,068
6 × 20	0.31	3.00	1.10	4.1	0.5	37.8	3.39	3,500	2,205
6 × 21	0.31	3.00	1.10	4.1	0.5	38.8	3.39	3,500	2,299
6 × 22	0.31	3.00	1.10	4.2	0.5	39.6	3.39	3,500	2,416
6 × 23	0.31	3.00	1.10	4.3	0.5	41.9	3.39	3,500	2,521
6 × 24	0.31	3.00	1.10	4.3	0.5	41.9	3.39	3,500	2,591
6 × 25	0.31	3.00	1.10	4.3	0.5	41.9	3.39	3,500	2,661
6 × 26	0.31	3.00	1.10	4.3	0.5	41.9	3.39	3,500	2,731
6 × 27	0.31	3.00	1.10	4.4	0.5	42.9	3.39	3,500	2,844
6 × 28	0.31	3.00	1.10	4.4	0.5	42.9	3.39	3,500	2,914
6 × 29	0.31	3.00	1.10	4.4	0.5	43.4	3.39	3,500	2,995
6 × 30	0.31	3.00	1.10	4.5	0.5	44.5	3.39	3,500	3,111
10 × 1	0.41	4.00	1.10	2.6	0.5	12.8	1.95	3,500	262
10 × 2	0.41	4.00	1.10	3.0	0.5	19.9	1.95	3,500	611
10 × 3	0.41	4.00	1.10	3.1	0.5	21.1	1.95	3,500	732
10 × 4	0.41	4.00	1.10	3.2	0.5	23.0	1.95	3,500	887
10 × 5	0.41	4.00	1.10	3.3	0.5	25.0	1.95	3,500	1,054
16 × 1	0.41	5.70	1.10	2.7	0.5	14.7	1.24	3,500	360

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선심수 Number of Cores	도체 Conductor		절연두께 Thickness of Insulation	시스두께 Thickness of Sheath	보강층 Thickness of Reinforce	시스외경 Sheath Overall Diameter	도체저항 Conductor Resistance (20℃) (Max.)	시험전압 Test Voltage	케이블 중량 Weight
	구 성 Composition	바깥지름 Outer Diameter							
sq mm × core	Max./mm	mm	mm	mm	mm	mm	Ω /km	V/5min.	kg/km
16 × 2	0.41	5.70	1.10	3.3	0.5	24.0	1.24	3,500	894
16 × 3	0.41	5.70	1.10	3.4	0.5	25.4	1.24	3,500	1,075
16 × 4	0.41	5.70	1.10	3.5	0.5	27.7	1.24	3,500	1,308
16 × 5	0.41	5.70	1.10	3.6	0.5	30.2	1.24	3,500	1,559
25 × 1	0.41	7.20	1.40	2.9	0.5	17.2	0.795	3,500	507
25 × 2	0.41	7.20	1.40	3.6	0.5	28.8	0.795	3,500	1,306
25 × 3	0.41	7.20	1.40	3.7	0.5	30.6	0.795	3,500	1,575
25 × 4	0.41	7.20	1.40	3.8	0.5	33.5	0.795	3,500	1,923
25 × 5	0.41	7.20	1.40	4.0	0.5	36.8	0.795	3,500	2,318
35 × 1	0.41	8.40	1.40	3.0	0.5	18.6	0.565	3,500	636
35 × 2	0.41	8.40	1.40	3.7	0.5	31.5	0.565	3,500	1,632
35 × 3	0.41	8.40	1.40	3.8	0.5	33.4	0.565	3,500	1,993
35 × 4	0.41	8.40	1.40	4.0	0.5	36.8	0.565	3,500	2,469
35 × 5	0.41	8.40	1.40	4.2	0.5	40.4	0.565	3,500	2,981
50 × 1	0.41	10.30	1.80	3.1	0.5	21.6	0.393	3,500	875
50 × 2	0.41	10.30	1.80	4.1	0.5	37.8	0.393	3,500	2,356
50 × 3	0.41	10.30	1.80	4.2	0.5	40.2	0.393	3,500	2,880
50 × 4	0.41	10.30	1.80	4.5	0.5	44.4	0.393	3,500	3,593
50 × 5	0.41	10.30	1.80	4.7	0.5	48.9	0.393	3,500	4,339
70 × 1	0.51	12.20	1.80	3.3	0.5	23.9	0.277	3,500	1,131
70 × 2	0.51	12.20	1.80	4.3	0.5	42.0	0.277	3,500	3,021
70 × 3	0.51	12.20	1.80	4.5	0.5	44.9	0.277	3,500	3,749
70 × 4	0.51	12.20	1.80	4.8	0.5	49.7	0.277	3,500	4,689
70 × 5	0.51	12.20	1.80	5.1	0.5	54.9	0.277	3,500	5,699
95 × 1	0.51	14.10	2.00	3.4	0.5	26.4	0.210	3,500	1,431
95 × 2	0.51	14.10	2.00	4.6	0.5	47.3	0.210	3,500	3,885
95 × 3	0.51	14.10	2.00	4.8	0.5	50.5	0.210	3,500	4,835
95 × 4	0.51	14.10	2.00	5.1	0.5	55.9	0.210	3,500	6,052
95 × 5	0.51	14.10	2.00	5.5	0.5	62.0	0.210	3,500	7,391
120 × 1	0.51	15.80	2.00	3.5	0.5	28.4	0.164	3,500	1,704
120 × 2	0.51	15.80	2.00	4.9	0.5	51.3	0.164	3,500	4,661
120 × 3	0.51	15.80	2.00	5.1	0.5	54.8	0.164	3,500	5,820
120 × 4	0.51	15.80	2.00	5.4	0.5	60.6	0.164	3,500	7,292
150 × 1	0.51	17.60	2.20	3.7	0.5	31.0	0.132	3,500	2,061
150 × 2	0.51	17.60	2.20	5.2	0.5	56.4	0.132	3,500	5,661
150 × 3	0.51	17.60	2.20	5.4	0.5	60.2	0.132	3,500	7,078
150 × 4	0.51	17.60	2.20	5.8	0.5	66.8	0.132	3,500	8,903
185 × 1	0.51	19.40	2.40	3.8	0.5	33.4	0.108	3,500	2,438
185 × 2	0.51	19.40	2.40	5.5	0.5	61.4	0.108	3,500	6,762
185 × 3	0.51	19.40	2.40	5.7	0.5	65.6	0.108	3,500	8,462
185 × 4	0.51	19.40	2.40	6.1	0.5	72.8	0.108	3,500	10,644
240 × 1	0.51	22.50	2.60	4.1	0.5	37.6	0.0817	3,500	3,174

Rubber Insulated Flexible Cables | 고무절연 캡타이어 케이블

0.6/1KV PNCT-R

Standard : KSC IEC 60502-1)

선심수 Number of Cores	도체 Conductor		절연두께 Thickness of Insulation	시스두께 Thickness of Sheath	보강층 Thickness of Reinforce	시스외경 Sheath Overall Diameter	도체저항 Conductor Resistance (20℃) (Max.)	시험전압 Test Voltage	케이블 중량 Weight
	구 성 Composition	바깥지름 Outer Diameter							
sq mm×core	Max./mm	mm	mm	mm	mm	mm	Ω /km	V/5min.	kg/km
240 × 2	0.51	22.50	2.60	5.9	0.5	69.3	0.0817	3,500	8,776
240 × 3	0.51	22.50	2.60	6.2	0.5	74.3	0.0817	3,500	11,061
240 × 4	0.51	22.50	2.60	6.7	0.5	82.6	0.0817	3,500	13,966
300 × 1	0.51	25.20	2.80	4.3	0.5	41.1	0.0654	3,500	3,893
300 × 2	0.51	25.20	2.80	6.3	0.5	76.4	0.0654	3,500	10,794
300 × 3	0.51	25.20	2.80	6.7	0.5	82.0	0.0654	3,500	13,675
300 × 4	0.51	25.20	2.80	7.2	0.5	91.1	0.0654	3,500	17,261
400 × 1	0.51	28.80	3.00	4.5	0.5	45.6	0.0495	3,500	4,997
400 × 2	0.51	28.80	3.00	6.9	0.5	85.7	0.0495	3,500	13,907
400 × 3	0.51	28.80	3.00	7.2	0.5	91.8	0.0495	3,500	17,631
400 × 4	0.51	28.80	3.00	7.8	0.5	102.1	0.0495	3,500	22,333

Rubber Insulated Flexible Cables | 고무절연 캡타이어 케이블

0.6/1KV PNCTS-R

Standard : KSC IEC 60502-1)

선심수 Number of Cores	도체 Conductor		절연두께 Thickness of Insulation	차폐소선경 Sheath Diameter Wires of Conductor	시스두께 Thickness of Sheath	보강층 Thickness of Reinforce	시스외경 Sheath Overall Diameter	도체저항 Conductor Resistance (20°C)(Max.)	시험전압 Test Voltage	케이블 중량 Weight
	구 성 Composition	바깥지름 Outer Diameter								
sq mm × core	Max./mm	mm	mm	mm	mm	mm	mm	Ω /km	V/5min.	kg/km
1.0 × 2	0.21	1.24	1.10	0.14	2.7	0.5	14.8	20.0	3,500	254
1.0 × 3	0.21	1.24	1.10	0.14	2.8	0.5	15.6	20.0	3,500	295
1.0 × 4	0.21	1.24	1.10	0.14	2.8	0.5	16.5	20.0	3,500	340
1.0 × 5	0.21	1.24	1.10	0.14	2.9	0.5	17.7	20.0	3,500	410
1.0 × 6	0.21	1.24	1.10	0.16	3.0	0.5	19.1	20.0	3,500	505
1.0 × 7	0.21	1.24	1.10	0.16	3.1	0.5	20.4	20.0	3,500	622
1.0 × 8	0.21	1.24	1.10	0.16	3.1	0.5	21.5	20.0	3,500	765
1.0 × 9	0.21	1.24	1.10	0.16	3.2	0.5	22.8	20.0	3,500	964
1.0 × 10	0.21	1.24	1.10	0.16	3.2	0.5	23.0	20.0	3,500	623
1.0 × 11	0.21	1.24	1.10	0.16	3.2	0.5	23.0	20.0	3,500	643
1.0 × 12	0.21	1.24	1.10	0.16	3.3	0.5	23.8	20.0	3,500	688
1.0 × 13	0.21	1.24	1.10	0.16	3.3	0.5	24.1	20.0	3,500	715
1.0 × 14	0.21	1.24	1.10	0.16	3.3	0.5	24.7	20.0	3,500	751
1.0 × 15	0.21	1.24	1.10	0.16	3.4	0.5	25.4	20.0	3,500	795
1.0 × 16	0.21	1.24	1.10	0.16	3.4	0.5	25.9	20.0	3,500	911
1.0 × 17	0.21	1.24	1.10	0.16	3.4	0.5	26.5	20.0	3,500	952
1.0 × 18	0.21	1.24	1.10	0.18	3.5	0.5	27.3	20.0	3,500	1,097
1.0 × 19	0.21	1.24	1.10	0.18	3.5	0.5	27.3	20.0	3,500	1,118
1.0 × 20	0.21	1.24	1.10	0.18	3.5	0.5	28.4	20.0	3,500	1,312
1.0 × 21	0.21	1.24	1.10	0.18	3.6	0.5	29.3	20.0	3,500	1,389
1.0 × 22	0.21	1.24	1.10	0.18	3.6	0.5	29.7	20.0	3,500	1,610
1.0 × 23	0.21	1.24	1.10	0.18	3.7	0.5	31.3	20.0	3,500	1,140
1.0 × 24	0.21	1.24	1.10	0.18	3.7	0.5	31.3	20.0	3,500	1,161
1.0 × 25	0.21	1.24	1.10	0.18	3.7	0.5	31.3	20.0	3,500	1,181
1.0 × 26	0.21	1.24	1.10	0.18	3.7	0.5	31.3	20.0	3,500	1,202
1.0 × 27	0.21	1.24	1.10	0.18	3.7	0.5	31.8	20.0	3,500	1,236
1.0 × 28	0.21	1.24	1.10	0.18	3.7	0.5	31.8	20.0	3,500	1,257
1.0 × 29	0.21	1.24	1.10	0.18	3.8	0.5	32.3	20.0	3,500	1,301
1.0 × 30	0.21	1.24	1.10	0.18	3.8	0.5	33.0	20.0	3,500	1,338
1.5 × 1	0.26	1.50	1.10	0.12	2.5	0.5	11.0	13.7	3,500	159
1.5 × 2	0.26	1.50	1.10	0.14	2.8	0.5	15.5	13.7	3,500	282
1.5 × 3	0.26	1.50	1.10	0.14	2.8	0.5	16.1	13.7	3,500	321
1.5 × 4	0.26	1.50	1.10	0.14	2.9	0.5	17.3	13.7	3,500	384
1.5 × 5	0.26	1.50	1.10	0.16	3.0	0.5	18.7	13.7	3,500	469
1.5 × 6	0.26	1.50	1.10	0.16	3.0	0.5	19.9	13.7	3,500	563
1.5 × 7	0.26	1.50	1.10	0.16	3.1	0.5	21.2	13.7	3,500	695
1.5 × 8	0.26	1.50	1.10	0.16	3.2	0.5	22.6	13.7	3,500	871
1.5 × 9	0.26	1.50	1.10	0.16	3.3	0.5	24.0	13.7	3,500	1,101
1.5 × 10	0.26	1.50	1.10	0.16	3.3	0.5	24.3	13.7	3,500	710
1.5 × 11	0.26	1.50	1.10	0.16	3.3	0.5	24.3	13.7	3,500	735
1.5 × 12	0.26	1.50	1.10	0.16	3.3	0.5	24.9	13.7	3,500	775
1.5 × 13	0.26	1.50	1.10	0.16	3.4	0.5	25.4	13.7	3,500	820

Rubber Insulated Flexible Cables | 고무절연 캡타이어 케이블

0.6/1KV PNCTS-R

Standard : KSC IEC 60502-1)

선심수 Number of Cores	도체 Conductor		절연두께 Thickness of Insulation	차폐소선경 Sheath Diameter Wires of Conductor	시스두께 Thickness of Sheath	보강층 Thickness of Reinforce	시스외경 Sheath Overall Diameter	도체저항 Conductor Resistance (20℃)(Max.)	시험전압 Test Voltage	케이블 중량 Weight
	구 성 Composition	바깥지름 Outer Diameter								
sq mm × core	Max./mm	mm	mm	mm	mm	mm	mm	Ω /km	V/5min.	kg/km
1.5 × 14	0.26	1.50	1.10	0.16	3.4	0.5	26.1	13.7	3,500	862
1.5 × 15	0.26	1.50	1.10	0.18	3.4	0.5	26.7	13.7	3,500	909
1.5 × 16	0.26	1.50	1.10	0.18	3.5	0.5	27.5	13.7	3,500	1,059
1.5 × 17	0.26	1.50	1.10	0.18	3.5	0.5	28.1	13.7	3,500	1,106
1.5 × 18	0.26	1.50	1.10	0.18	3.6	0.5	28.8	13.7	3,500	1,262
1.5 × 19	0.26	1.50	1.10	0.18	3.6	0.5	28.8	13.7	3,500	1,288
1.5 × 20	0.26	1.50	1.10	0.18	3.6	0.5	30.0	13.7	3,500	1,513
1.5 × 21	0.26	1.50	1.10	0.18	3.7	0.5	30.9	13.7	3,500	1,601
1.5 × 22	0.26	1.50	1.10	0.18	3.7	0.5	31.4	13.7	3,500	1,858
1.5 × 23	0.26	1.50	1.10	0.18	3.8	0.5	33.1	13.7	3,500	1,314
1.5 × 24	0.26	1.50	1.10	0.18	3.8	0.5	33.1	13.7	3,500	1,340
1.5 × 25	0.26	1.50	1.10	0.18	3.8	0.5	33.1	13.7	3,500	1,366
1.5 × 26	0.26	1.50	1.10	0.18	3.8	0.5	33.1	13.7	3,500	1,391
1.5 × 27	0.26	1.50	1.10	0.18	3.8	0.5	33.6	13.7	3,500	1,432
1.5 × 28	0.26	1.50	1.10	0.18	3.8	0.5	33.6	13.7	3,500	1,458
1.5 × 29	0.26	1.50	1.10	0.18	3.9	0.5	34.2	13.7	3,500	1,509
1.5 × 30	0.26	1.50	1.10	0.18	3.9	0.5	34.8	13.7	3,500	1,553
2.5 × 1	0.26	1.90	1.10	0.12	2.5	0.5	11.4	8.21	3,500	177
2.5 × 2	0.26	1.90	1.10	0.14	2.8	0.5	16.3	8.21	3,500	319
2.5 × 3	0.26	1.90	1.10	0.14	2.9	0.5	17.2	8.21	3,500	378
2.5 × 4	0.26	1.90	1.10	0.16	3.0	0.5	18.6	8.21	3,500	462
2.5 × 5	0.26	1.90	1.10	0.16	3.0	0.5	19.8	8.21	3,500	550
2.5 × 6	0.26	1.90	1.10	0.16	3.1	0.5	21.3	8.21	3,500	677
2.5 × 7	0.26	1.90	1.10	0.16	3.2	0.5	22.8	8.21	3,500	840
2.5 × 8	0.26	1.90	1.10	0.16	3.3	0.5	24.3	8.21	3,500	1,055
2.5 × 9	0.26	1.90	1.10	0.16	3.4	0.5	25.8	8.21	3,500	1,334
2.5 × 10	0.26	1.90	1.10	0.18	3.4	0.5	26.2	8.21	3,500	871
2.5 × 11	0.26	1.90	1.10	0.18	3.4	0.5	26.2	8.21	3,500	906
2.5 × 12	0.26	1.90	1.10	0.18	3.4	0.5	26.8	8.21	3,500	957
2.5 × 13	0.26	1.90	1.10	0.18	3.5	0.5	27.4	8.21	3,500	1,015
2.5 × 14	0.26	1.90	1.10	0.18	3.5	0.5	28.1	8.21	3,500	1,070
2.5 × 15	0.26	1.90	1.10	0.18	3.6	0.5	28.9	8.21	3,500	1,134
2.5 × 16	0.26	1.90	1.10	0.18	3.6	0.5	29.6	8.21	3,500	1,303
2.5 × 17	0.26	1.90	1.10	0.18	3.6	0.5	30.2	8.21	3,500	1,365
2.5 × 18	0.26	1.90	1.10	0.18	3.7	0.5	31.0	8.21	3,500	1,557
2.5 × 19	0.26	1.90	1.10	0.18	3.7	0.5	31.0	8.21	3,500	1,592
2.5 × 20	0.26	1.90	1.10	0.18	3.8	0.5	32.5	8.21	3,500	1,886
2.5 × 21	0.26	1.90	1.10	0.18	3.8	0.5	33.3	8.21	3,500	1,975
2.5 × 22	0.26	1.90	1.10	0.18	3.9	0.5	34.0	8.21	3,500	2,310
2.5 × 23	0.26	1.90	1.10	0.18	4.0	0.5	35.9	8.21	3,500	1,646
2.5 × 24	0.26	1.90	1.10	0.26	4.0	0.5	36.0	8.21	3,500	1,695
2.5 × 25	0.26	1.90	1.10	0.26	4.0	0.5	36.0	8.21	3,500	1,731

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0.6/1KV PNCTS-R

Standard : KSC IEC 60502-1)

선심수 Number of Cores	도체 Conductor		절연두께 Thickness of Insulation	차폐소선경 Sheath Diameter Wires of Conductor	시스두께 Thickness of Sheath	보강층 Thickness of Reinforce	시스외경 Sheath Overall Diameter	도체저항 Conductor Resistance (20°C)(Max.)	시험전압 Test Voltage	케이블 중량 Weight
	구 성 Composition	바깥지름 Outer Diameter								
sq mm × core	Max./mm	mm	mm	mm	mm	mm	mm	Ω /km	V/5min.	kg/km
2.5 × 26	0.26	1.90	1.10	0.26	4.0	0.5	36.0	8.21	3,500	1,767
2.5 × 27	0.26	1.90	1.10	0.26	4.0	0.5	36.6	8.21	3,500	1,820
2.5 × 28	0.26	1.90	1.10	0.26	4.0	0.5	36.6	8.21	3,500	1,856
2.5 × 29	0.26	1.90	1.10	0.26	4.0	0.5	37.0	8.21	3,500	1,901
2.5 × 30	0.26	1.90	1.10	0.26	4.1	0.5	37.9	8.21	3,500	1,977
4 × 1	0.31	2.40	1.10	0.12	2.6	0.5	12.1	5.09	3,500	207
4 × 2	0.31	2.40	1.10	0.14	2.9	0.5	17.5	5.09	3,500	377
4 × 3	0.31	2.40	1.10	0.16	3.0	0.5	18.6	5.09	3,500	460
4 × 4	0.31	2.40	1.10	0.16	3.0	0.5	19.8	5.09	3,500	550
4 × 5	0.31	2.40	1.10	0.16	3.1	0.5	21.3	5.09	3,500	673
4 × 6	0.31	2.40	1.10	0.16	3.2	0.5	23.0	5.09	3,500	831
4 × 7	0.31	2.40	1.10	0.16	3.3	0.5	24.6	5.09	3,500	1,037
4 × 8	0.31	2.40	1.10	0.16	3.4	0.5	26.3	5.09	3,500	1,306
4 × 9	0.31	2.40	1.10	0.18	3.5	0.5	28.0	5.09	3,500	1,667
4 × 10	0.31	2.40	1.10	0.18	3.5	0.5	28.4	5.09	3,500	1,080
4 × 11	0.31	2.40	1.10	0.18	3.5	0.5	28.4	5.09	3,500	1,130
4 × 12	0.31	2.40	1.10	0.18	3.6	0.5	29.3	5.09	3,500	1,213
4 × 13	0.31	2.40	1.10	0.18	3.6	0.5	29.7	5.09	3,500	1,273
4 × 14	0.31	2.40	1.10	0.18	3.7	0.5	30.8	5.09	3,500	1,361
4 × 15	0.31	2.40	1.10	0.18	3.7	0.5	31.4	5.09	3,500	1,427
4 × 16	0.31	2.40	1.10	0.18	3.8	0.5	32.3	5.09	3,500	1,660
4 × 17	0.31	2.40	1.10	0.18	3.8	0.5	33.1	5.09	3,500	1,740
4 × 18	0.31	2.40	1.10	0.18	3.9	0.5	34.0	5.09	3,500	1,982
4 × 19	0.31	2.40	1.10	0.18	3.9	0.5	34.0	5.09	3,500	2,032
4 × 20	0.31	2.40	1.10	0.18	3.9	0.5	35.4	5.09	3,500	2,382
4 × 21	0.31	2.40	1.10	0.26	4.0	0.5	36.6	5.09	3,500	2,530
4 × 22	0.31	2.40	1.10	0.26	4.0	0.5	37.1	5.09	3,500	2,932
4 × 23	0.31	2.40	1.10	0.26	4.2	0.5	39.4	5.09	3,500	2,120
4 × 24	0.31	2.40	1.10	0.26	4.2	0.5	39.4	5.09	3,500	2,170
4 × 25	0.31	2.40	1.10	0.26	4.2	0.5	39.4	5.09	3,500	2,220
4 × 26	0.31	2.40	1.10	0.26	4.2	0.5	39.4	5.09	3,500	2,271
4 × 27	0.31	2.40	1.10	0.26	4.2	0.5	40.1	5.09	3,500	2,342
4 × 28	0.31	2.40	1.10	0.26	4.2	0.5	40.1	5.09	3,500	2,392
4 × 29	0.31	2.40	1.10	0.20	4.2	0.5	40.5	5.09	3,500	2,454
4 × 30	0.31	2.40	1.10	0.20	4.3	0.5	41.8	5.09	3,500	2,596
6 × 1	0.31	3.00	1.10	0.14	2.6	0.5	12.8	3.39	3,500	242
6 × 2	0.31	3.00	1.10	0.16	3.0	0.5	19.0	3.39	3,500	457
6 × 3	0.31	3.00	1.10	0.16	3.0	0.5	19.9	3.39	3,500	549
6 × 4	0.31	3.00	1.10	0.16	3.1	0.5	21.4	3.39	3,500	676
6 × 5	0.31	3.00	1.10	0.16	3.2	0.5	23.2	3.39	3,500	833
6 × 6	0.31	3.00	1.10	0.16	3.3	0.5	25.0	3.39	3,500	1,035
6 × 7	0.31	3.20	1.10	0.16	3.4	0.5	26.8	3.39	3,500	1,295

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0.6/1KV PNCTS-R

Standard : KSC IEC 60502-1)

선심수 Number of Cores	도체 Conductor		절연두께 Thickness of Insulation	차폐소선경 Sheath Diameter Wires of Conductor	시스두께 Thickness of Sheath	보강층 Thickness of Reinforce	시스외경 Sheath Overall Diameter	도체저항 Conductor Resistance (20℃)(Max.)	시험전압 Test Voltage	케이블 중량 Weight
	구 성 Composition	바깥지름 Outer Diameter								
sq mm × core	Max./mm	mm	mm	mm	mm	mm	mm	Ω /km	V/5min.	kg/km
6 × 8	0.31	3.00	1.10	0.18	3.6	0.5	29.0	3.39	3,500	1,662
6 × 9	0.31	3.00	1.10	0.18	3.7	0.5	30.8	3.39	3,500	2,111
6 × 10	0.31	3.00	1.10	0.18	3.7	0.5	31.2	3.39	3,500	1,369
6 × 11	0.31	3.00	1.10	0.18	3.7	0.5	31.2	3.39	3,500	1,439
6 × 12	0.31	3.00	1.10	0.18	3.8	0.5	32.3	3.39	3,500	1,547
6 × 13	0.31	3.00	1.10	0.18	3.8	0.5	32.7	3.39	3,500	1,628
6 × 14	0.31	3.00	1.10	0.18	3.8	0.5	33.6	3.39	3,500	1,723
6 × 15	0.31	3.00	1.10	0.18	3.9	0.5	34.6	3.39	3,500	1,830
6 × 16	0.31	3.00	1.10	0.20	4.0	0.5	35.7	3.39	3,500	2,140
6 × 17	0.31	3.00	1.10	0.20	4.0	0.5	36.5	3.39	3,500	2,247
6 × 18	0.31	3.00	1.10	0.20	4.1	0.5	37.5	3.39	3,500	2,555
6 × 19	0.31	3.00	1.10	0.20	4.1	0.5	37.5	3.39	3,500	2,626
6 × 20	0.31	3.00	1.10	0.20	4.2	0.5	39.3	3.39	3,500	3,094
6 × 21	0.31	3.00	1.10	0.20	4.2	0.5	40.3	3.39	3,500	3,246
6 × 22	0.31	3.00	1.10	0.20	4.3	0.5	41.1	3.39	3,500	3,782
6 × 23	0.31	3.00	1.10	0.26	4.4	0.5	43.7	3.39	3,500	2,772
6 × 24	0.31	3.00	1.10	0.26	4.4	0.5	43.7	3.39	3,500	2,842
6 × 25	0.31	3.00	1.10	0.26	4.4	0.5	43.7	3.39	3,500	2,912
6 × 26	0.31	3.00	1.10	0.26	4.4	0.5	43.7	3.39	3,500	2,983
6 × 27	0.31	3.00	1.10	0.26	4.5	0.5	44.7	3.39	3,500	3,101
6 × 28	0.31	3.00	1.10	0.26	4.5	0.5	44.7	3.39	3,500	3,172
6 × 29	0.31	3.00	1.10	0.26	4.5	0.5	45.1	3.39	3,500	3,255
6 × 30	0.31	3.00	1.10	0.26	4.6	0.5	46.3	3.39	3,500	3,379
10 × 1	0.41	4.00	1.10	0.14	2.7	0.5	14.0	1.95	3,500	309
10 × 2	0.41	4.00	1.10	0.16	3.1	0.5	21.3	1.95	3,500	593
10 × 3	0.41	4.00	1.10	0.16	3.2	0.5	22.4	1.95	3,500	741
10 × 4	0.41	4.00	1.10	0.16	3.3	0.5	24.3	1.95	3,500	926
10 × 5	0.41	4.00	1.10	0.16	3.4	0.5	26.3	1.95	3,500	1,150
16 × 1	0.41	5.70	1.10	0.16	2.8	0.5	16.0	1.24	3,500	415
16 × 2	0.41	5.70	1.10	0.16	3.3	0.5	25.1	1.24	3,500	979
16 × 3	0.41	5.70	1.10	0.18	3.4	0.5	26.6	1.24	3,500	1,178
16 × 4	0.41	5.70	1.10	0.18	3.6	0.5	29.1	1.24	3,500	1,466
16 × 5	0.41	5.70	1.10	0.18	3.7	0.5	31.6	1.24	3,500	1,813
25 × 1	0.41	7.20	1.40	0.18	3.0	0.5	18.7	0.795	3,500	579
25 × 2	0.41	7.20	1.40	0.18	3.6	0.5	30.1	0.795	3,500	1,420
25 × 3	0.41	7.20	1.40	0.18	3.7	0.5	31.8	0.795	3,500	1,701
25 × 4	0.41	7.20	1.40	0.18	3.9	0.5	34.9	0.795	3,500	2,129
25 × 5	0.41	7.20	1.40	0.20	4.1	0.5	38.3	0.795	3,500	2,687
35 × 1	0.41	8.40	1.40	0.20	3.0	0.5	19.9	0.565	3,500	710
35 × 2	0.41	8.40	1.40	0.20	3.8	0.5	33.0	0.565	3,500	1,785
35 × 3	0.41	8.40	1.40	0.20	3.9	0.5	34.9	0.565	3,500	2,163
35 × 4	0.41	8.40	1.40	0.20	4.1	0.5	38.3	0.565	3,500	2,718

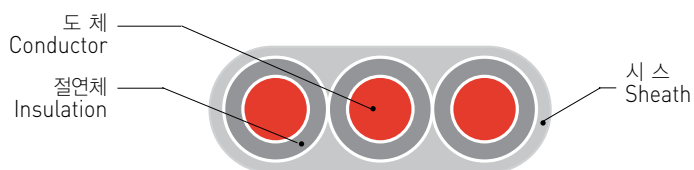
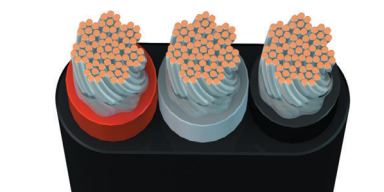
Rubber Insulated Flexible Cables | 고무절연 캡타이어 케이블

0.6/1KV PNCTS-R

Standard : KSC IEC 60502-1)

선심수 Number of Cores	도체 Conductor		절연두께 Thickness of Insulation	차폐소선경 Sheath Diameter Wires of Conductor	시스두께 Thickness of Sheath	보강층 Thickness of Reinforce	시스외경 Sheath Overall Diameter	도체저항 Conductor Resistance (20℃)(Max.)	시험전압 Test Voltage	케이블 중량 Weight
	구 성 Composition	바깥지름 Outer Diameter								
sq mm × core	Max./mm	mm	mm	mm	mm	mm	mm	Ω /km	V/5min.	kg/km
35 × 5	0.41	8.40	1.40	0.26	4.3	0.5	42.2	0.565	3,500	3,462
50 × 1	0.41	10.30	1.80	0.16	3.2	0.5	22.9	0.393	3,500	956
50 × 2	0.41	10.30	1.80	0.20	4.2	0.5	39.3	0.393	3,500	2,540
50 × 3	0.41	10.30	1.80	0.20	4.3	0.5	41.7	0.393	3,500	3,087
50 × 4	0.41	10.30	1.80	0.26	4.6	0.5	46.2	0.393	3,500	3,969
50 × 5	0.41	10.30	1.80	0.26	4.8	0.5	50.7	0.393	3,500	5,000
70 × 1	0.51	12.20	1.80	0.16	3.3	0.5	25.0	0.277	3,500	1,208
70 × 2	0.51	12.20	1.80	0.26	4.4	0.5	43.8	0.277	3,500	3,275
70 × 3	0.51	12.20	1.80	0.26	4.6	0.5	46.7	0.277	3,500	4,037
70 × 4	0.51	12.20	1.80	0.26	4.9	0.5	51.4	0.277	3,500	5,127
70 × 5	0.51	12.20	1.80	0.26	5.2	0.5	56.6	0.277	3,500	6,505
95 × 1	0.51	14.10	2.00	0.18	3.5	0.5	27.9	0.210	3,500	1,540
95 × 2	0.51	14.10	2.00	0.26	4.7	0.5	49.0	0.210	3,500	4,170
95 × 3	0.51	14.10	2.00	0.26	4.9	0.5	52.3	0.210	3,500	5,163
95 × 4	0.51	14.10	2.00	0.26	5.2	0.5	57.7	0.210	3,500	6,575
95 × 5	0.51	14.10	2.00	0.26	5.6	0.5	63.7	0.210	3,500	8,388
120 × 1	0.51	15.80	2.00	0.18	3.6	0.5	29.8	0.164	3,500	1,821
120 × 2	0.51	15.80	2.00	0.26	5.0	0.5	53.1	0.164	3,500	4,971
120 × 3	0.51	15.80	2.00	0.26	5.2	0.5	56.6	0.164	3,500	6,179
120 × 4	0.51	15.80	2.00	0.26	5.5	0.5	62.4	0.164	3,500	7,880
150 × 1	0.51	17.60	2.20	0.18	3.8	0.5	32.4	0.132	3,500	2,189
150 × 2	0.51	17.60	2.20	0.26	5.3	0.5	58.1	0.132	3,500	6,001
150 × 3	0.51	17.60	2.20	0.26	5.5	0.5	62.0	0.132	3,500	7,475
150 × 4	0.51	17.60	2.20	0.26	5.9	0.5	68.6	0.132	3,500	9,581
185 × 1	0.51	19.40	2.40	0.18	3.9	0.5	34.8	0.108	3,500	2,576
185 × 2	0.51	19.40	2.40	0.26	5.6	0.5	63.2	0.108	3,500	7,133
185 × 3	0.51	19.40	2.40	0.26	5.8	0.5	67.4	0.108	3,500	8,900
185 × 4	0.51	19.40	2.40	0.26	6.2	0.5	74.6	0.108	3,500	11,417
240 × 1	0.51	22.50	2.60	0.20	4.2	0.5	39.1	0.0817	3,500	3,344
240 × 2	0.51	22.50	2.60	0.26	6.0	0.5	71.1	0.0817	3,500	9,195
240 × 3	0.51	22.50	2.60	0.26	6.3	0.5	76.1	0.0817	3,500	11,568
240 × 4	0.51	22.50	2.60	0.26	6.8	0.5	84.3	0.0817	3,500	14,902
300 × 1	0.51	25.20	2.80	0.26	4.4	0.5	42.9	0.0654	3,500	4,125
300 × 2	0.51	25.20	2.80	0.26	6.4	0.5	78.2	0.0654	3,500	11,256
300 × 3	0.51	25.20	2.80	0.26	6.8	0.5	83.8	0.0654	3,500	14,240
300 × 4	0.51	25.20	2.80	0.26	7.3	0.5	92.9	0.0654	3,500	18,354
400 × 1	0.51	28.80	3.00	0.26	4.6	0.5	47.3	0.0495	3,500	5,255
400 × 2	0.51	28.80	3.00	0.26	7.0	0.5	87.5	0.0495	3,500	14,425
400 × 3	0.51	28.80	3.00	0.26	7.3	0.5	93.5	0.0495	3,500	18,278
400 × 4	0.51	28.80	3.00	0.26	8.0	0.5	104.1	0.0495	3,500	23,697

Rubber Insulated Flexible Cables | 고무절연 캡타이어 케이블



0.6/1KV PNCT-F

Reference Standard : Manufactured Standard

선심수 Number of Cores	도체 Conductor		절연두께 Thickness of Insulation	시스두께 Thickness of Sheath	시스외경 Sheath Overall Diameter	도체저항 Conductor Resistance (20℃)(Max.)	시험전압 Test Voltage	케이블 중량 Weight
	구 성 Composition	바깥지름 Outer Diameter						
core × sq mm	Max./mm	mm	mm	mm	mm	Ω /km	V/1min.	kg/km
3 × 1.0	0.21	1.3	1.0	1.9	8.0 × 16.5	20.0	3,500	200
3 × 1.5	0.26	1.6	1.0	1.9	8.5 × 17.0	13.7	3,500	230
3 × 2.5	0.26	2.1	1.0	2.0	9.0 × 19.0	8.21	3,500	290
3 × 4	0.31	2.6	1.0	2.1	10.0 × 20.5	5.09	3,500	360
3 × 6	0.31	3.6	1.0	2.2	11.5 × 24.5	3.39	3,500	490
3 × 10	0.41	4.8	1.0	2.4	13.0 × 28.5	1.95	3,500	810
3 × 16	0.41	6.0	1.0	2.6	14.5 × 32.0	1.24	3,500	940
3 × 25	0.41	7.4	1.2	2.8	16.5 × 38.0	0.795	3,500	1,350
3 × 35	0.41	8.7	1.2	3.0	18.0 × 42.0	0.565	3,500	1,730
3 × 50	0.41	10.4	1.4	3.3	21.0 × 48.5	0.393	3,500	2,360
3 × 70	0.51	12.5	1.4	3.6	23.5 × 55.0	0.277	3,500	3,140
3 × 95	0.51	14.5	1.6	3.9	26.5 × 63.0	0.210	3,500	4,140
3 × 120	0.51	16.2	1.6	4.2	28.5 × 68.5	0.164	3,500	5,050
3 × 150	0.51	18.2	1.8	4.5	31.5 × 76.0	0.132	3,500	6,270
3 × 185	0.51	20.2	2.0	4.8	34.5 × 84.0	0.108	3,500	7,650
3 × 240	0.51	23.3	2.2	5.3	39.0 × 94.5	0.0817	3,500	9,940
3 × 300	0.51	26.0	2.4	5.7	42.5 × 104.5	0.0654	3,500	12,220

Rubber Insulated Flexible Cables | 고무절연 캡타이어 케이블

0.6/1KV PNCT-F

Reference Standard : Manufactured Standard

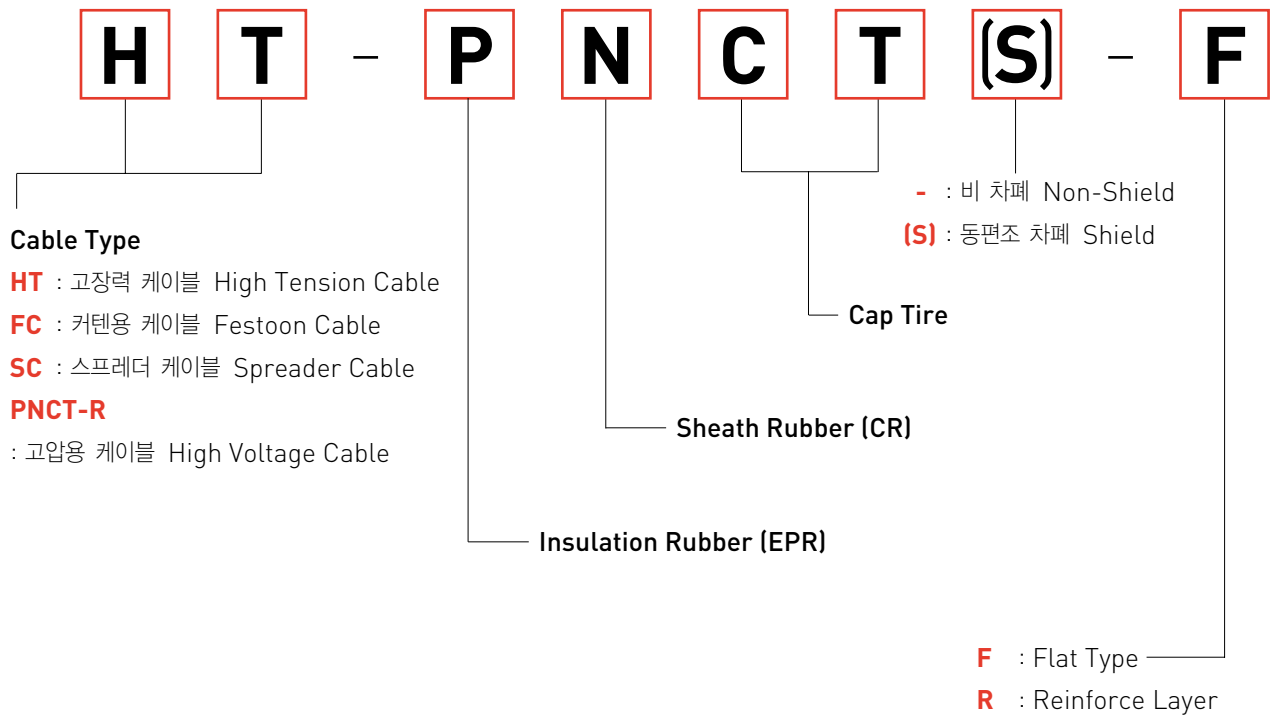
선심수 Number of Cores	도체 Conductor		절연두께 Thickness of Insulation	시스두께 Thickness of Sheath	시스외경 Sheath Overall Diameter	도체저항 Conductor Resistance (20℃)(Max.)	시험전압 Test Voltage	케이블 중량 Weight
	구 성 Composition	바깥지름 Outer Diameter						
core×sq mm	Max./mm	mm	mm	mm	mm	Ω /km	V/5min.	kg/km
4 × 1.0	0.21	1.3	1.0	1.9	8.0×23.5	20.0	3,500	290
4 × 1.5	0.26	1.6	1.0	2.0	8.5×24.5	13.7	3,500	340
4 × 2.5	0.26	2.1	1.0	2.1	9.5×27.0	8.21	3,500	420
4 × 4	0.31	2.6	1.0	2.2	10.0×29.0	5.09	3,500	520
4 × 6	0.31	3.6	1.0	2.3	11.5×34.0	3.39	3,500	700
4 × 10	0.41	4.8	1.0	2.5	13.0×39.0	1.95	3,500	990
4 × 16	0.41	6.0	1.0	2.7	14.5×44.0	1.24	3,500	1,310
4 × 25	0.41	7.4	1.2	3.0	17.0×52.0	0.795	3,500	1,880
4 × 35	0.41	8.7	1.2	3.2	18.5×57.0	0.565	3,500	2,400
4 × 50	0.41	10.4	1.4	3.5	21.5×66.0	0.393	3,500	3,250
4 × 70	0.51	12.5	1.4	3.8	24.0×74.0	0.277	3,500	4,310
4 × 95	0.51	14.5	1.6	4.2	27.0×84.5	0.210	3,500	5,680
4 × 120	0.51	16.2	1.6	4.4	29.5×92.0	0.164	3,500	6,910
4 × 150	0.51	18.2	1.8	4.9	32.5×104.5	0.132	3,500	8,680
4 × 185	0.51	20.2	2.0	5.3	35.8×116.6	0.108	3,500	10,871
4 × 240	0.51	23.3	2.2	5.9	40.5×132	0.0817	3,500	14,117
4 × 300	0.51	26.0	2.4	6.3	44.7×145.5	0.0654	3,500	17,336

Rubber Insulated Flexible Cables | 고무절연 캡타이어 케이블

0.6/1KV PNCT-RF

선심수 Number of Cores	도체 Conductor		절연두께 Thickness of Insulation	시스두께 Thickness of Sheath	시스외경 Sheath Overall Diameter	도체저항 Conductor Resistance (20℃)(Max.)	시험전압 Test Voltage	케이블 중량 Weight
	구 성 Composition	바깥지름 Outer Diameter						
core×sq mm	Max./mm	mm	mm	mm	mm	Ω /km	V/5min.	kg/km
2 × 1.0	0.21	1.3	1.1	2.6	9.4×13.1	20.0	3,500	174
2 × 1.5	0.26	1.6	1.1	2.6	9.7×13.7	13.7	3,500	193
2 × 2.5	0.26	2.1	1.1	2.7	10.4×14.9	8.21	3,500	238
2 × 4	0.31	2.6	1.1	2.7	10.9×15.9	5.09	3,500	284
2 × 6	0.31	3.6	1.1	2.8	12.2×18.3	3.39	3,500	349
2 × 10	0.41	4.8	1.1	2.9	13.6×20.9	1.95	3,500	495
2 × 16	0.41	6.0	1.1	3.0	14.8×23.1	1.24	3,500	683
2 × 25	0.41	7.4	1.4	3.3	17.6×28.1	0.795	3,500	989
2 × 35	0.41	8.7	1.4	3.4	19.1×30.9	0.565	3,500	1,260
2 × 50	0.41	10.4	1.8	3.6	22.0×36.3	0.393	3,500	1,730
2 × 70	0.51	12.5	1.8	3.8	24.5×40.9	0.277	3,500	2,270
2 × 95	0.51	14.5	2.0	4.1	27.5×46.3	0.210	3,500	2,962
3 × 1.0	0.21	1.3	1.1	2.7	9.6×17.0	20.0	3,500	241
3 × 1.5	0.26	1.6	1.1	2.7	9.9×17.9	13.7	3,500	270
3 × 2.5	0.26	2.1	1.1	2.8	10.6×19.6	8.21	3,500	335
3 × 4	0.31	2.6	1.1	2.9	11.3×21.3	5.09	3,500	413
3 × 6	0.31	3.6	1.1	3.0	12.6×24.8	3.39	3,500	500
3 × 10	0.41	4.8	1.1	3.2	14.2×28.8	1.95	3,500	741
3 × 16	0.41	6.0	1.1	3.3	15.4×32.0	1.24	3,500	1,025
3 × 25	0.41	7.4	1.4	3.6	18.2×39.2	0.795	3,500	1,501
3 × 35	0.41	8.7	1.4	3.8	19.9×43.5	0.565	3,500	1,910
3 × 50	0.41	10.4	1.8	4.1	23.0×51.6	0.393	3,500	2,644
3 × 70	0.51	12.5	1.8	4.4	25.7×58.5	0.277	3,500	3,486
3 × 95	0.51	14.5	2.0	4.7	28.7×66.3	0.210	3,500	4,537
4 × 1.0	0.21	1.3	1.1	2.9	10.0×24.1	20.0	3,500	373
4 × 1.5	0.26	1.6	1.1	3.0	10.5×25.5	13.7	3,500	424
4 × 2.5	0.26	2.1	1.1	3.1	11.2×27.7	8.21	3,500	516
4 × 4	0.31	2.6	1.1	3.1	11.7×29.7	5.09	3,500	624
4 × 6	0.31	3.6	1.1	3.3	13.2×34.5	3.39	3,500	758
4 × 10	0.41	4.8	1.1	3.5	14.8×39.7	1.95	3,500	1,081
4 × 16	0.41	6.0	1.1	3.7	16.2×44.1	1.24	3,500	1,488
4 × 25	0.41	7.4	1.4	4.1	19.2×55.7	0.795	3,500	2,210
4 × 35	0.41	8.7	1.4	4.3	20.9×61.3	0.565	3,500	2,775
4 × 50	0.41	10.4	1.8	4.8	24.4×72.3	0.393	3,500	3,847
4 × 70	0.51	12.5	1.8	5.1	27.1×81.3	0.277	3,500	5,008
4 × 95	0.51	14.5	2.0	5.5	30.3×91.7	0.210	3,500	6,489

Type Designation of Cable | 케이블 품명 설명



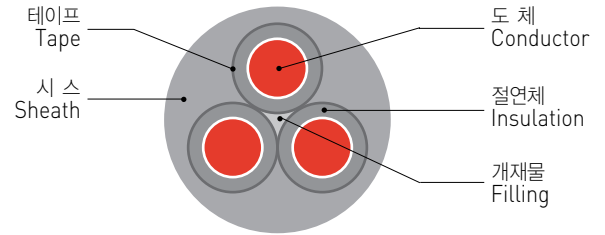
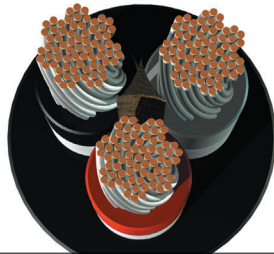
Specified Items on Purchase Order

Specification	Rated voltage	0.6/1KV, 3.6KV/6KV, 6/10KV, etc
	Type designation	HT-PNCT, FC-PNCT, SC PNCT 3.6/6KV PNCT-R
	Size	No. of cores x Conductor nominal area
	Overall diameter	If necessary, Specify max. overall diameter.
	Length	Total length, Unit length
Condition	Site	Steel works, Port, Power station, etc.
	Machinery	Stacker, Reclaimer, Unloader, etc.
	Max. Tension	Pulling tension
	Movement	Distance, Speed, Time, etc.
	Spec. of reel	Dimensions, Torque, etc.

High Tension Cable | 고장력 케이블

운송기계, 하역기계 등의 밀용 케이블로 이동용 기기의 전원 공급용 전선으로 사용한다.

High tension cable is a power supply cable for moving equipment which is used in by reel style for transportation machine and cargo handling.



Characteristics

- 고장력 High Tension
- 내충격성 Impact Resistance
- 내마모성 Abrasion Resistance
- 내굴곡성 Bending Resistance
- 난연성 Flame Retardance
- 내후성 Weather Resistance

Application Ranges

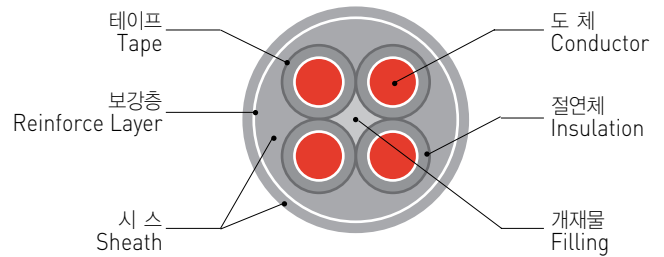
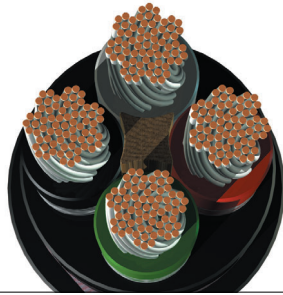
- Unloader
- Stacker & Reclaimer
- Gantry Crane, etc.

0.6/1KV HT-PNCT

Reference Standard : Manufactured Standard

선심수 Number of Cores	도체 Conductor		절연두께 Thickness of Insulation	시스두께 Thickness of Sheath	시스외경 Sheath Overall Diameter	도체저항 Conductor Resistance (20℃)(Max.)	절연저항 Insulation Resistance (20℃)(Min.)	시험전압 Test Voltage	케이블 중량 Weight
	구 성 Composition	바깥지름 Outer Diameter							
core × sq mm	Max./mm	mm	mm	mm	mm	Ω /km	MΩ · km	V/5min.	kg/km
3 × 6	0.31	3.6	1.1	2.2	19.0	3.39	400	3,500	600
3 × 10	0.41	4.8	1.1	2.4	22.0	1.95	300	3,500	850
3 × 16	0.41	6.0	1.2	2.6	25.0	1.24	300	3,500	1,170
3 × 25	0.41	7.4	1.2	2.8	28.0	0.795	300	3,500	1,600
3 × 35	0.41	8.7	1.2	3.0	31.0	0.565	200	3,500	2,010
3 × 50	0.41	10.4	1.5	3.3	37.0	0.393	200	3,500	2,800
3 × 70	0.51	12.5	2.0	3.7	44.0	0.277	200	3,500	3,990
3 × 95	0.51	14.5	2.0	4.0	49.0	0.210	200	3,500	5,080
3 × 120	0.51	16.2	2.0	4.2	53.0	0.164	200	3,500	6,130
3 × 150	0.51	18.2	2.0	4.5	58.0	0.132	200	3,500	7,450
3 × 185	0.51	20.2	2.5	4.9	65.0	0.108	200	3,500	9,290
3 × 240	0.51	23.3	2.5	5.3	72.0	0.0817	200	3,500	11,810
3 × 300	0.51	26.0	2.5	5.7	78.0	0.0654	200	3,500	14,310
4 × 6	0.31	3.6	1.1	2.3	21.0	3.39	400	3,500	730
4 × 10	0.41	4.8	1.1	2.5	24.0	1.95	300	3,500	1,050
4 × 16	0.41	6.0	1.2	2.7	27.0	1.24	300	3,500	1,450
4 × 25	0.41	7.4	1.2	3.0	31.0	0.795	300	3,500	2,010
4 × 35	0.41	8.7	1.2	3.2	35.0	0.565	200	3,500	2,570
4 × 50	0.41	10.4	1.5	3.5	41.0	0.393	200	3,500	3,540
4 × 70	0.51	12.5	2.0	4.0	49.0	0.277	200	3,500	5,030
4 × 95	0.51	14.5	2.0	4.3	54.0	0.210	200	3,500	6,420
4 × 120	0.51	16.2	2.0	4.6	59.0	0.164	200	3,500	7,780
4 × 150	0.51	18.2	2.0	4.9	64.0	0.132	200	3,500	9,460
4 × 185	0.51	20.2	2.5	5.4	72.0	0.108	200	3,500	11,830
4 × 240	0.51	23.3	2.5	5.8	80.0	0.0817	200	3,500	15,060
4 × 300	0.51	26.0	2.5	6.3	88.0	0.0654	200	3,500	18,290

High Tension Cable | 고장력 케이블



Characteristics

- 고장력 High Tension
- 내충격성 Impact Resistance
- 내마모성 Abrasion Resistance
- 내굴곡성 Bending Resistance
- 난연성 Flame Retardance
- 내후성 Weather Resistance

Application Ranges

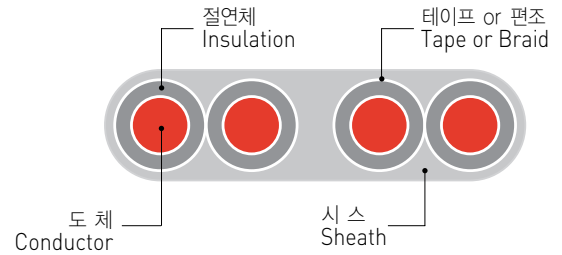
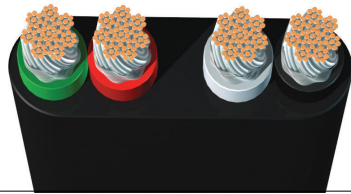
- Unloader
- Stacker & Reclaimer
- Gantry Crane, etc.

0.6/1KV HT-PNCT-R

Reference Standard : Manufactured Standard

선심수 Number of Cores	도체 Conductor		절연두께 Thickness of Insulation	시스두께 Thickness of Sheath	시스외경 Sheath Overall Diameter	도체저항 Conductor Resistance (20℃)(Max.)	절연저항 Insulation Resistance (20℃) (Min.)	시험전압 Test Voltage	케이블 중량 Weight
	구 성 Composition	바깥지름 Outer Diameter							
core × sq mm	Max./mm	mm	mm	mm	mm	Ω /km	MΩ · km	V/5min.	kg/km
3 × 6	0.31	3.6	1.2	3.1	22.0	3.390	500	3,500	640
3 × 10	0.41	4.8	1.2	3.3	25.0	1.950	400	3,500	890
3 × 16	0.41	6.0	1.6	3.6	30.0	1.240	400	3,500	1,280
3 × 25	0.41	7.4	1.6	3.8	33.0	0.795	400	3,500	1,710
3 × 35	0.41	8.7	1.6	4.0	36.0	0.565	400	3,500	2,140
3 × 50	0.41	10.4	2.1	4.4	43.0	0.393	400	3,500	3,000
3 × 70	0.51	12.5	2.1	4.6	47.0	0.277	400	3,500	3,870
3 × 95	0.51	14.5	2.1	4.9	52.0	0.210	400	3,500	4,910
3 × 120	0.51	16.2	2.7	5.3	59.0	0.164	400	3,500	6,280
3 × 150	0.51	18.2	2.7	5.6	64.0	0.132	400	3,500	7,560
3 × 185	0.51	20.2	3.3	6.1	72.0	0.108	400	3,500	9,450
3 × 240	0.51	23.3	3.3	6.5	79.0	0.0817	400	3,500	11,900
3 × 300	0.51	26.0	3.3	6.9	85.0	0.0654	400	3,500	14,310
4 × 6	0.31	3.6	1.2	3.3	24.0	3.390	500	3,500	780
4 × 10	0.41	4.8	1.2	3.5	27.0	1.950	400	3,500	1,100
4 × 16	0.41	6.0	1.6	3.8	32.0	1.240	400	3,500	1,600
4 × 25	0.41	7.4	1.6	4.0	36.0	0.795	400	3,500	2,130
4 × 35	0.41	8.7	1.6	4.2	40.0	0.565	400	3,500	2,680
4 × 50	0.41	10.4	2.1	4.6	47.0	0.393	400	3,500	3,770
4 × 70	0.51	12.5	2.1	4.9	52.0	0.277	400	3,500	4,900
4 × 95	0.51	14.5	2.1	5.3	58.0	0.210	400	3,500	6,260
4 × 120	0.51	16.2	2.7	5.7	66.0	0.164	400	3,500	8,010
4 × 150	0.51	18.2	2.7	6.0	71.0	0.132	400	3,500	9,650
4 × 185	0.51	20.2	3.3	6.5	79.0	0.108	400	3,500	12,030
4 × 240	0.51	23.3	3.3	7.0	88.0	0.0817	400	3,500	15,220
4 × 300	0.51	26.0	3.3	7.4	95.0	0.0654	400	3,500	18,320

High Tension Cable | 고장력 케이블



Characteristics

- 고장력 High Tension
- 내충격성 Impact Resistance
- 내마모성 Abrasion Resistance
- 내굴곡성 Bending Resistance
- 난연성 Flame Retardance
- 내후성 Weather Resistance

Application Ranges

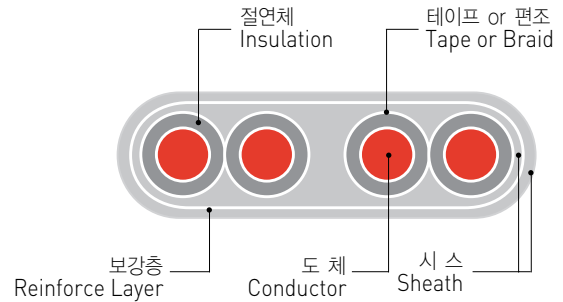
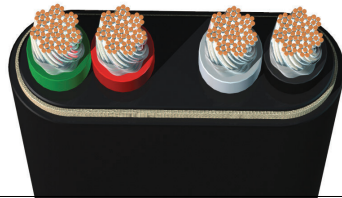
- Unloader
- Stacker & Reclaimer
- Gantry Crane, etc.

0.6/1KV HT-PNCT-F

Reference Standard : Manufactured Standard

선심수 Number of Cores	도체 Conductor		절연두께 Thickness of Insulation	시스두께 Thickness of Sheath	시스외경 Sheath Overall Diameter	도체저항 Conductor Resistance (20℃)(Max.)	절연저항 Insulation Resistance (20℃)(Min.)	시험전압 Test Voltage	케이블 중량 Weight
	구 성 Composition	바깥지름 Outer Diameter							
core × sq mm	Max./mm	mm	mm	mm	mm	Ω /km	MΩ · km	V/5min.	kg/km
3 × 10	0.41	4.8	1.1	2.1	13.0 × 28.0	1.950	300	3,500	670
3 × 16	0.41	6.0	1.2	2.3	15.0 × 33.0	1.240	300	3,500	930
3 × 25	0.41	7.4	1.2	2.5	17.5 × 37.0	0.795	300	3,500	1,290
3 × 35	0.41	8.7	1.2	2.7	18.0 × 41.0	0.565	200	3,500	1,650
3 × 50	0.41	10.4	1.5	3.0	21.0 × 49.0	0.393	200	3,500	2,290
3 × 70	0.51	12.5	2.0	3.4	25.0 × 58.0	0.277	200	3,500	3,250
3 × 95	0.51	14.5	2.0	3.7	27.5 × 65.0	0.210	200	3,500	4,170
3 × 120	0.51	16.2	2.0	4.0	30.0 × 71.0	0.164	200	3,500	5,090
3 × 150	0.51	18.2	2.0	4.2	32.0 × 77.0	0.132	200	3,500	6,150
3 × 185	0.51	20.2	2.5	4.6	36.0 × 87.0	0.108	200	3,500	7,710
3 × 240	0.51	23.3	2.5	5.1	40.0 × 97.0	0.0817	200	3,500	9,900
3 × 300	0.51	26.0	2.5	5.4	43.5 × 105.0	0.0654	200	3,500	11,990
4 × 10	0.41	4.8	1.1	2.1	12.5 × 35.0	1.950	300	3,500	870
4 × 16	0.41	6.0	1.2	2.5	15.0 × 45.0	1.240	300	3,500	1,300
4 × 25	0.41	7.4	1.2	2.7	17.0 × 51.0	0.795	300	3,500	1,790
4 × 35	0.41	8.7	1.2	2.9	18.5 × 56.5	0.565	200	3,500	2,290
4 × 50	0.41	10.4	1.5	3.2	21.5 × 66.5	0.393	200	3,500	3,160
4 × 70	0.51	12.5	2.0	3.7	25.5 × 79.0	0.277	200	3,500	4,470
4 × 95	0.51	14.5	2.0	4.0	28.0 × 88.0	0.210	200	3,500	5,720
4 × 120	0.51	16.2	2.0	4.3	30.5 × 95.5	0.164	200	3,500	6,980
4 × 150	0.51	18.2	2.0	4.6	33.0 × 103.5	0.132	200	3,500	8,450
4 × 185	0.51	20.2	2.5	5.1	37.0 × 118.0	0.108	200	3,500	10,690
4 × 240	0.51	23.3	2.5	5.6	41.0 × 131.0	0.0817	200	3,500	13,650
4 × 300	0.51	26.0	2.5	6.8	45.6 × 146.0	0.0654	200	3,500	17,115

High Tension Cable | 고장력 케이블



Characteristics

- 고장력 High Tension
- 내충격성 Impact Resistance
- 내마모성 Abrasion Resistance
- 내굴곡성 Bending Resistance
- 난연성 Flame Retardance
- 내후성 Weather Resistance

Application Ranges

- Unloader
- Stacker & Reclaimer
- Gantry Crane, etc.

0.6/1KV HT-PNCT-RF

Reference Standard : Manufactured Standard

선심수 Number of Cores	도체 Conductor		절연두께 Thickness of Insulation	시스두께 Thickness of Sheath	시스외경 Sheath Overall Diameter	도체저항 Conductor Resistance (20℃)(Max.)	절연저항 Insulation Resistance (20℃) (Min.)	시험전압 Test Voltage	케이블 중량 Weight
	구 성 Composition	바깥지름 Outer Diameter							
core × sq mm	Max./mm	mm	mm	mm	mm	Ω /km	MΩ · km	V/5min.	kg/km
3 × 10	0.41	4.8	1.2	2.9	15.0×30.5	1.950	400	3,500	780
3 × 16	0.41	6.0	1.6	3.2	17.5×37.5	1.240	400	3,500	1,140
3 × 25	0.41	7.4	1.6	3.4	19.5×42.0	0.795	400	3,500	1,520
3 × 35	0.41	8.7	1.6	3.6	21.0×46.0	0.565	400	3,500	1,920
3 × 50	0.41	10.4	2.1	4.0	24.5×55.0	0.393	400	3,500	2,670
3 × 70	0.51	12.5	2.1	4.2	27.0×61.0	0.277	400	3,500	3,460
3 × 95	0.51	14.5	2.1	4.5	29.5×68.0	0.210	400	3,500	4,400
3 × 120	0.51	16.2	2.7	5.0	33.5×78.0	0.164	400	3,500	5,660
3 × 150	0.51	18.2	2.7	5.2	36.0×84.0	0.132	400	3,500	6,770
3 × 185	0.51	20.2	3.3	5.7	40.0×94.0	0.108	400	3,500	8,480
3 × 240	0.51	23.3	3.3	6.1	44.0×104.0	0.0817	400	3,500	10,690
3 × 300	0.51	26.0	3.3	6.5	47.5×112.5	0.0654	400	3,500	12,890
4 × 10	0.41	4.8	1.2	3.0	15.0×41.0	1.950	400	3,500	1,070
4 × 16	0.41	6.0	1.6	3.4	18.0×51.0	1.240	400	3,500	1,580
4 × 25	0.41	7.4	1.6	3.6	20.0×57.0	0.795	400	3,500	2,100
4 × 35	0.41	8.7	1.6	3.8	21.5×62.0	0.565	400	3,500	2,630
4 × 50	0.41	10.4	2.1	4.2	25.0×73.0	0.393	400	3,500	3,660
4 × 70	0.51	12.5	2.1	4.5	27.5×82.0	0.277	400	3,500	4,740
4 × 95	0.51	14.5	2.1	4.9	30.5×91.0	0.210	400	3,500	6,030
4 × 120	0.51	16.2	2.7	5.3	34.0×103.0	0.164	400	3,500	7,710
4 × 150	0.51	18.2	2.7	5.6	36.5×113.5	0.132	400	3,500	9,350
4 × 185	0.51	20.2	3.3	6.1	41.0×127.0	0.108	400	3,500	11,660
4 × 240	0.51	23.3	3.3	6.6	45.0×135.0	0.0817	400	3,500	14,380
4 × 300	0.51	26.0	3.3	7.8	49.9×155.1	0.0654	400	3,500	18,460

High Tension Cable | 고장력 케이블

0.6/1KV HT-PNCT/HT-PNCT(S)

Reference Standard : Manufactured Standard

선심수 No. of Cores	도체 Conductor			절연두께 Thickness of Insulation	0.6/1KV HT-PNCT Non-Shield			0.6/1KV HT-PNCT(S) Shield				도체저항 Conductor Resistance (20℃) (Max.)	절연저항 Insulation Resistance (20℃) (Min.)	시험전압 Test Voltage
	공칭단면적 Nominal Cross- Sectional Area	구 성 Composition	바깥지름 Outer Diameter (Approx.)		시스두께 Thickness of Sheath	완성외경 Overall Diameter (Approx.)	개산중량 Weight (Approx.)	편조소선경 Diameter of Sheath	시스두께 Thickness of Sheath (Approx.)	완성외경 Overall Diameter (Approx.)	개산중량 Weight			
	mm ²	Max./mm	mm		mm	mm	kg/mm	mm	mm	mm	kg/mm			
3	1.5	0.26	1.7	1.0	1.9	14.0	230	0.16	2.0	16.0	320	13.7	500	3,500
	2.5	0.26	2.1	1.0	2.0	15.0	290	0.16	2.1	17.0	390	8.21	400	3,500
	4.0	0.31	2.7	1.1	2.1	17.0	380	0.16	2.2	19.0	500	5.09	400	3,500
4	1.5	0.26	1.7	1.0	2.0	15.0	280	0.16	2.1	17.0	390	13.7	500	3,500
	2.5	0.26	2.1	1.0	2.0	16.0	350	0.16	2.1	18.0	460	8.21	400	3,500
	4.0	0.31	2.7	1.1	2.2	18.5	480	0.16	2.3	20.5	610	5.09	400	3,500
5	1.5	0.26	1.7	1.0	2.0	15.5	320	0.16	2.2	18.5	460	13.7	500	3,500
	2.5	0.26	2.1	1.0	2.1	17.0	410	0.16	2.2	19.5	540	8.21	400	3,500
	4.0	0.31	2.7	1.1	2.2	19.0	560	0.16	2.4	22.0	730	5.09	400	3,500
6	1.5	0.26	1.7	1.0	2.1	17.0	390	0.16	2.2	20.0	520	13.7	500	3,500
	2.5	0.26	2.1	1.0	2.2	18.5	500	0.16	2.3	21.0	640	8.21	400	3,500
	4.0	0.31	2.7	1.1	2.3	21.0	680	0.18	2.5	24.0	860	5.09	400	3,500
7	1.5	0.26	1.7	1.0	2.2	18.5	480	0.16	2.3	21.5	610	13.7	500	3,500
	2.5	0.26	2.1	1.0	2.3	20.5	600	0.16	2.4	23.0	750	8.21	400	3,500
	4.0	0.31	2.7	1.1	2.4	23.0	820	0.18	2.6	26.0	1,000	5.09	400	3,500
8	1.5	0.26	1.7	1.0	2.2	20.0	550	0.16	2.4	23.0	700	13.7	500	3,500
	2.5	0.26	2.1	1.0	2.3	22.5	700	0.18	2.5	24.5	860	8.21	400	3,500
	4.0	0.31	2.7	1.1	2.5	25.0	970	0.18	2.7	28.0	1,160	5.09	400	3,500
9	1.5	0.26	1.7	1.0	2.3	21.0	650	0.18	2.5	24.0	800	13.7	500	3,500
	2.5	0.26	2.1	1.0	2.4	23.0	820	0.18	2.6	26.0	990	8.21	400	3,500
	4.0	0.31	2.7	1.1	2.6	27.0	1,140	0.18	2.8	30.0	1,320	5.09	400	3,500
10	1.5	0.26	1.7	1.0	2.4	23.0	760	0.18	2.6	26.0	910	13.7	500	3,500
	2.5	0.26	2.1	1.0	2.5	25.0	940	0.18	2.7	28.0	1,120	8.21	400	3,500
	4.0	0.31	2.7	1.1	2.7	29.0	1,310	0.18	2.9	32.0	1,500	5.09	400	3,500
12	1.5	0.26	1.7	1.0	2.6	26.0	860	0.18	2.8	29.0	1,140	13.7	500	3,500
	2.5	0.26	2.1	1.0	2.7	28.0	1,100	0.18	2.9	31.0	1,390	8.21	400	3,500
16	1.5	0.26	1.7	1.0	2.6	25.5	890	0.18	2.7	28.0	1,120	13.7	500	3,500
	2.5	0.26	2.1	1.0	2.7	28.0	1,140	0.18	2.8	30.0	1,390	8.21	400	3,500
19	1.5	0.26	1.7	1.0	2.7	28.0	1,050	0.18	2.8	30.0	1,310	13.7	500	3,500
	2.5	0.26	2.1	1.0	2.8	30.0	1,350	0.18	3.0	33.0	1,660	8.21	400	3,500
24	1.5	0.26	1.7	1.0	2.9	31.5	1,350	0.18	3.1	34.0	1,690	13.7	500	3,500
	2.5	0.26	2.1	1.0	3.1	34.5	1,750	0.18	3.2	37.0	2,100	8.21	400	3,500
27	1.5	0.26	1.7	1.0	3.0	33.5	1,520	0.18	3.2	36.5	1,900	13.7	500	3,500
	2.5	0.26	2.1	1.0	3.2	36.5	1,960	0.18	3.4	39.5	2,400	8.21	400	3,500
30	1.5	0.26	1.7	1.0	3.1	35.5	1,700	0.18	3.3	38.0	2,100	13.7	500	3,500
	2.5	0.26	2.1	1.0	3.3	38.5	2,190	0.18	3.5	48.0	2,650	8.21	400	3,500

High Tension Cable | 고장력 케이블

0.6/1KV HT-PNCT-R/HT-PNCT(S)-R

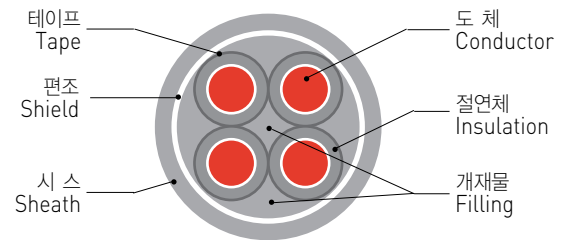
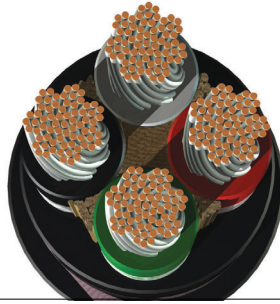
Reference Standard : Manufactured Standard

선심수 No. of Cores	도체 Conductor			절연두께 Thickness of Insulation	0.6/1KV HT-PNCT-R Non-Shield			0.6/1KV HT-PNCT(S)-R Shield				도체저항 Conductor Resistance (20℃) (Max.)	절연저항 Insulation Resistance (20℃) (Min.)	시험전압 Test Voltage
	공칭단면적 Nominal Cross- Sectional Area	구 성 Composition	바깥지름 Outer Diameter (Approx.)		시스두께 Thickness of Sheath	완성외경 Overall Diameter (Approx.)	개산중량 Weight (Approx.)	편조선평경 Diameter of Sheath	시스두께 Thickness of Sheath (Approx.)	완성외경 Overall Diameter (Approx.)	개산중량 Weight			
	mm²	Max./mm	mm		mm	mm	kg/mm	mm	mm	mm	kg/mm			
3	1.5	0.26	1.7	1.2	2.9	17.0	360	0.16	3.0	19.0	520	13.7	500	3,500
	2.5	0.26	2.1	1.2	2.9	18.0	420	0.16	3.0	20.0	600	8.21	500	3,500
	4.0	0.31	2.7	1.2	3.0	19.5	520	0.16	3.1	21.0	720	5.09	500	3,500
4	1.5	0.26	1.7	1.2	2.9	18.5	430	0.16	3.0	20.5	600	13.7	500	3,500
	2.5	0.26	2.1	1.2	3.0	19.5	510	0.16	3.1	21.5	700	8.21	500	3,500
	4.0	0.31	2.7	1.2	3.1	21.5	640	0.16	3.2	23.0	840	5.09	500	3,500
5	1.5	0.26	1.7	1.2	3.0	19.5	500	0.16	3.1	22.0	690	13.7	500	3,500
	2.5	0.26	2.1	1.2	3.1	20.5	600	0.16	3.2	23.0	800	8.21	500	3,500
	4.0	0.31	2.7	1.2	3.2	22.5	750	0.16	3.3	25.0	1,000	5.09	500	3,500
6	1.5	0.26	1.7	1.2	3.1	21.0	600	0.16	3.2	23.5	800	13.7	500	3,500
	2.5	0.26	2.1	1.2	3.1	22.0	700	0.16	3.3	25.0	950	8.21	500	3,500
	4.0	0.31	2.7	1.2	3.3	24.5	900	0.18	3.4	27.0	1,170	5.09	500	3,500
7	1.5	0.26	1.7	1.2	3.2	22.5	690	0.16	3.3	25.0	940	13.7	500	3,500
	2.5	0.26	2.1	1.2	3.2	23.5	820	0.18	3.4	26.5	1,120	8.21	500	3,500
	4.0	0.31	2.7	1.2	3.4	26.0	1,040	0.18	3.5	29.0	1,370	5.09	500	3,500
8	1.5	0.26	1.7	1.2	3.2	24.0	800	0.18	3.4	27.0	1,090	13.7	500	3,500
	2.5	0.26	2.1	1.2	3.3	25.5	960	0.18	3.5	28.5	1,290	8.21	500	3,500
	4.0	0.31	2.7	1.2	3.5	28.0	1,220	0.18	3.7	31.0	1,600	5.09	500	3,500
9	1.5	0.26	1.7	1.2	3.3	25.5	920	0.18	3.5	28.5	1,250	13.7	500	3,500
	2.5	0.26	2.1	1.2	3.4	27.0	1,100	0.18	3.6	30.0	1,470	8.21	500	3,500
	4.0	0.31	2.7	1.2	3.6	30.0	1,410	0.18	3.8	33.0	1,820	5.09	500	3,500
10	1.5	0.26	1.7	1.2	3.4	27.0	1,050	0.18	3.6	30.0	1,410	13.7	500	3,500
	2.5	0.26	2.1	1.2	3.5	29.0	1,270	0.18	3.7	32.0	1,660	8.21	500	3,500
	4.0	0.31	2.7	1.2	3.7	32.0	1,620	0.18	3.9	35.0	2,060	5.09	500	3,500
12	1.5	0.26	1.7	1.2	3.6	31.0	1,200	0.18	3.8	33.0	1,780	13.7	500	3,500
	2.5	0.26	2.1	1.2	3.8	33.0	1,450	0.18	3.9	35.0	2,100	8.21	500	3,500
16	1.5	0.26	1.7	1.2	3.6	30.0	1,200	0.18	3.7	32.0	1,600	13.7	500	3,500
	2.5	0.26	2.1	1.2	3.7	32.0	1,450	0.18	3.9	34.5	1,950	8.21	500	3,500
19	1.5	0.26	1.7	1.2	3.7	32.0	1,380	0.18	3.9	35.0	1,900	13.7	500	3,500
	2.5	0.26	2.1	1.2	3.9	34.5	1,710	0.18	4.0	37.0	2,270	8.21	500	3,500
24	1.5	0.26	1.7	1.2	4.0	36.5	1,760	0.18	4.1	39.0	2,440	13.7	500	3,500
	2.5	0.26	2.1	1.2	4.1	39.0	2,160	0.18	4.3	42.0	2,950	8.21	500	3,500
27	1.5	0.26	1.7	1.2	4.1	38.5	1,970	0.18	4.3	41.0	2,770	13.7	500	3,500
	2.5	0.26	2.1	1.2	4.3	41.5	2,450	0.18	4.4	44.0	3,310	8.21	500	3,500
30	1.5	0.26	1.7	1.2	4.2	40.5	2,180	0.18	4.4	44.0	3,080	13.7	500	3,500
	2.5	0.26	2.1	1.2	4.4	43.5	2,700	0.18	4.6	47.0	3,710	8.21	500	3,500

Festoon Cable | 커텐용 케이블

운송기계, 하역기계 등의 커텐용 케이블로 이동용 기기의 전원 공급용 전선으로 사용한다.

Festoon cable is a power supply cable for moving equipment which is used in curtain style for transportation machine and cargo handling.



Characteristics

- 내굴곡성 Bending Resistance
- 내후성 Weather Resistance
- 난연성 Flame Retardance

Application Ranges

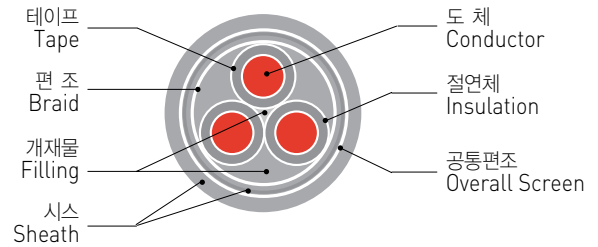
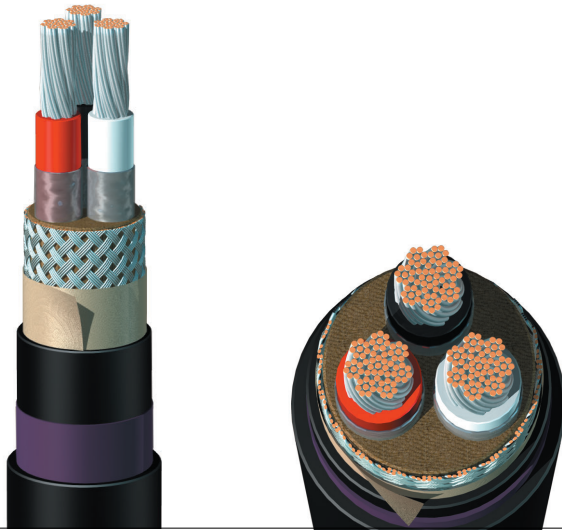
- Container Crane
- Overhead Crane
- Gantry Crane, etc.

0.6/1KV FC-PNCT

Reference Standard : Manufactured Standard

선심수 Number of Cores	도체 Conductor		절연두께 Thickness of Insulation	시스두께 Thickness of Sheath	시스외경 Sheath Overall Diameter	도체저항 Conductor Resistance (20℃)(Max.)	절연저항 Insulation Resistance (20℃)(Min.)	시험전압 Test Voltage	케이블 중량 Weight
	구 성 Composition	바깥지름 Outer Diameter							
core × sq mm	Max./mm	mm	mm	mm	mm	Ω /km	MΩ · km	V/5min.	kg/km
3 × 6	0.31	3.6	1.1	2.3	19.5	3.39	400	3,500	570
3 × 10	0.41	4.8	1.1	2.5	22.5	1.95	300	3,500	820
3 × 16	0.41	6.0	1.2	2.6	25.5	1.24	300	3,500	1,110
3 × 25	0.41	7.4	1.2	2.8	29.0	0.795	300	3,500	1,520
3 × 35	0.41	8.7	1.2	3.0	32.0	0.565	200	3,500	1,950
3 × 50	0.41	10.4	1.5	3.3	37.5	0.393	200	3,500	2,700
3 × 70	0.51	12.5	2.0	3.8	45.0	0.277	200	3,500	3,850
3 × 95	0.51	14.5	2.0	4.1	49.5	0.210	200	3,500	4,900
3 × 120	0.51	16.2	2.0	4.3	54.0	0.164	200	3,500	5,920
3 × 150	0.51	18.2	2.0	4.6	58.5	0.132	200	3,500	7,180
3 × 185	0.51	20.2	2.5	5.0	65.5	0.108	200	3,500	8,980
3 × 240	0.51	23.3	2.5	5.4	73.0	0.0817	200	3,500	11,400
3 × 300	0.51	26.0	2.5	5.8	79.0	0.0654	200	3,500	13,800
4 × 6	0.31	3.6	1.1	2.4	21.5	3.39	400	3,500	700
4 × 10	0.41	4.8	1.1	2.6	24.5	1.95	300	3,500	1,010
4 × 16	0.41	6.0	1.2	2.8	28.5	1.24	300	3,500	1,400
4 × 25	0.41	7.4	1.2	3.0	32.0	0.795	300	3,500	1,920
4 × 35	0.41	8.7	1.2	3.2	35.5	0.565	200	3,500	2,460
4 × 50	0.41	10.4	1.5	3.6	41.5	0.393	200	3,500	3,430
4 × 70	0.51	12.5	2.0	4.1	49.5	0.277	200	3,500	4,880
4 × 95	0.51	14.5	2.0	4.4	55.0	0.210	200	3,500	6,230
4 × 120	0.51	16.2	2.0	4.6	59.5	0.164	200	3,500	7,520
4 × 150	0.51	18.2	2.0	5.0	65.0	0.132	200	3,500	9,170
4 × 185	0.51	20.2	2.5	5.4	73.0	0.108	200	3,500	11,480
4 × 240	0.51	23.3	2.5	5.9	81.0	0.0817	200	3,500	14,610
4 × 300	0.51	26.0	2.5	6.5	91.1	0.0654	200	3,500	15,745

Festoon Cable | 커텐용 케이블



Characteristics

- 내굴곡성 Bending Resistance
- 내후성 Weather Resistance
- 난연성 Flame Retardance

Application Ranges

- Container Crane
- Overhead Crane
- Gantry Crane, etc.

0.6/1KV FC-PNCT-R/FC-PNCT(S)-R

Reference Standard : Manufactured Standard

선심수 No. of Cores	도체 Conductor			절연두께 Thickness of Insulation	0.6/1KV FC-PNCT-R Non-Shield			0.6/1KV FC-PNCT(S)-R Shield				도체저항 Conductor Resistance (20°C) (Max.)	절연저항 Insulation Resistance (20°C) (Min.)	시험전압 Test Voltage
	공칭단면적 Nominal Cross- Sectional Area	구 성 Composition	바깥지름 Outer Diameter (Approx.)		시스두께 Thickness of Sheath	완성외경 Overall Diameter (Approx.)	개산중량 Weight (Approx.)	편조소선경 Diameter of Sheath	시스두께 Thickness of Sheath (Approx.)	완성외경 Overall Diameter (Approx.)	개산중량 Weight			
	mm ²	Max./mm	mm	mm	mm	mm	kg/mm	mm	mm	mm	kg/mm	Ω /km	MΩ · km	V/5min.
3	1.5	0.26	1.7	1.0	2.0	14.0	280	0.12	2.0	14.0	290	13.7	500	3,500
	2.5	0.26	2.1	1.0	2.0	15.0	330	0.16	2.1	15.5	360	8.21	400	3,500
	4.0	0.31	2.7	1.1	2.1	17.0	440	0.16	2.2	17.5	470	5.09	400	3,500
4	1.5	0.26	1.7	1.0	2.0	15.0	320	0.16	2.1	15.5	350	13.7	500	3,500
	2.5	0.26	2.1	1.0	2.1	16.5	400	0.16	2.2	16.5	430	8.21	400	3,500
	4.0	0.31	2.7	1.1	2.2	18.5	530	0.16	2.3	19.0	570	5.09	400	3,500
5	1.5	0.26	1.7	1.0	2.1	16.0	370	0.16	2.1	16.0	390	13.7	500	3,500
	2.5	0.26	2.1	1.0	2.1	17.0	450	0.16	2.2	17.5	480	8.21	400	3,500
	4.0	0.31	2.7	1.1	2.3	19.5	620	0.16	2.3	20.0	650	5.09	400	3,500
6	1.5	0.26	1.7	1.0	2.2	17.5	440	0.16	2.3	18.5	500	13.7	500	3,500
	2.5	0.26	2.1	1.0	2.2	18.5	530	0.16	2.3	19.5	600	8.21	400	3,500
	4.0	0.31	2.7	1.1	2.4	21.5	740	0.16	2.5	22.5	810	5.09	400	3,500
7	1.5	0.26	1.7	1.0	2.2	18.5	50	0.16	2.3	19.5	570	13.7	500	3,500
	2.5	0.26	2.1	1.0	2.3	20.0	630	0.16	2.4	21.0	700	8.21	400	3,500
	4.0	0.31	2.7	1.1	2.5	23.0	860	0.18	2.6	24.5	950	5.09	400	3,500
8	1.5	0.26	1.7	1.0	2.3	20.0	580	0.16	2.4	20.5	620	13.7	500	3,500
	2.5	0.26	2.1	1.0	2.4	21.5	720	0.16	2.5	22.0	760	8.21	400	3,500
	4.0	0.31	2.7	1.1	2.6	25.0	1,000	0.18	2.7	25.5	1,050	5.09	400	3,500
9	1.5	0.26	1.7	1.0	2.4	21.5	660	0.16	2.5	22.5	740	13.7	500	3,500
	2.5	0.26	2.1	1.0	2.5	23.0	830	0.18	2.6	24.5	920	8.21	400	3,500
	4.0	0.31	2.7	1.1	2.7	26.5	1,140	0.18	2.8	28.0	1,250	5.09	400	3,500
10	1.5	0.26	1.7	1.0	2.5	23.0	750	0.18	2.6	24.0	850	13.7	500	3,500
	2.5	0.26	2.1	1.0	2.6	24.5	930	0.18	2.7	26.0	1,030	8.21	400	3,500
	4.0	0.31	2.7	1.1	2.8	28.5	1,290	0.18	2.9	30.0	1,410	5.09	400	3,500

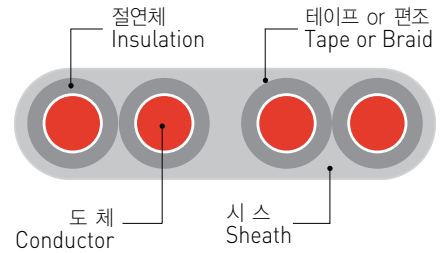
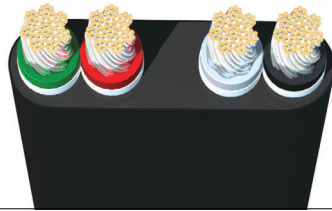
Festoon Cable | 커텐용 케이블

0.6/1KV FC-PNCT-R/FC-PNCT(S)-R (계속)

Reference Standard : Manufactured Standard

선심수 No. of Cores	도체 Conductor			절연두께 Thickness of Insulation	0.6/1KV FC-PNCT-R Non-Shield			0.6/1KV FC-PNCT(S)-R Shield				도체저항 Conductor Resistance (20℃) (Max.)	절연저항 Insulation Resistance (20℃) (Min.)	시험전압 Test Voltage
	공칭단면적 Nominal Cross- Sectional Area	구 성 Composition	바깥지름 Outer Diameter (Approx.)		시스두께 Thickness of Sheath	완성외경 Overall Diameter (Approx.)	개산중량 Weight (Approx.)	편조선경 Diameter of Sheath	시스두께 Thickness of Sheath (Approx.)	완성외경 Overall Diameter (Approx.)	개산중량 Weight			
	mm ²	Max./mm	mm		mm	mm	kg/mm	mm	mm	mm	kg/mm			
12	1.5	0.26	1.7	1.0	2.6	25.5	930	0.18	2.7	26.0	980	13.7	500	3,500
	2.5	0.26	2.1	1.0	2.8	28.0	1,170	0.18	2.8	28.0	1,220	8.21	400	3,500
	4.0	0.31	2.7	1.1	3.0	32.0	1,620	0.18	3.1	32.5	1,690	5.09	400	3,500
16	1.5	0.26	1.7	1.0	2.6	25.0	940	0.18	2.7	26.5	1,050	13.7	500	3,500
	2.5	0.26	2.1	1.0	2.7	27.0	1,190	0.18	2.8	28.5	1,310	8.21	400	3,500
	4.0	0.31	2.7	1.1	3.0	31.5	1,680	0.18	3.1	32.5	1,810	5.09	400	3,500
19	1.5	0.26	1.7	1.0	2.7	27.0	1,100	0.18	2.9	28.5	1,250	13.7	500	3,500
	2.5	0.26	2.1	1.0	2.9	29.5	1,420	0.18	3.0	31.0	1,560	8.21	400	3,500
	4.0	0.31	2.7	1.1	3.1	34.0	1,970	0.18	3.3	35.5	2,160	5.09	400	3,500
24	1.5	0.26	1.7	1.0	2.9	30.5	1,420	0.18	3.0	31.0	1,480	13.7	500	3,500
	2.5	0.26	2.1	1.0	3.1	33.5	1,820	0.18	3.2	34.0	1,890	8.21	400	3,500
	4.0	0.31	2.7	1.1	3.4	38.5	2,550	0.18	3.5	39.0	2,630	5.09	400	3,500
27	1.5	0.26	1.7	1.0	3.1	32.5	1,620	0.18	3.2	34.5	1,790	13.7	500	3,500
	2.5	0.26	2.1	1.0	3.2	35.5	2,050	0.18	3.4	37.5	2,260	8.21	400	3,500
	4.0	0.31	2.7	1.1	3.6	41.5	2,910	0.18	3.7	43.0	3,120	5.09	400	3,500
30	1.5	0.26	1.7	1.0	3.2	34.5	1,810	0.18	3.3	36.5	2,010	13.7	500	3,500
	2.5	0.26	2.1	1.0	3.3	37.5	2,300	0.18	3.5	39.5	2,520	8.21	400	3,500
	4.0	0.31	2.7	1.1	3.7	43.5	3,240	0.18	3.9	46.0	3,510	5.09	400	3,500

Festoon Cable | 커텐용 케이블



Characteristics

- 내굴곡성 Bending Resistance
- 내후성 Weather Resistance
- 난연성 Flame Retardance

Application Ranges

- Container Crane
- Overhead Crane
- Gantry Crane, etc.

0.6/1KV FC-PNCT-F

Reference Standard : Manufactured Standard

선심수 Number of Cores	도체 Conductor		절연두께 Thickness of Insulation	시스두께 Thickness of Sheath	시스외경 Sheath Overall Diameter	도체저항 Conductor Resistance (20℃)(Max.)	절연저항 Insulation Resistance (20℃)(Min.)	시험전압 Test Voltage	케이블 중량 Weight
	구 성 Composition	바깥지름 Outer Diameter							
core×sq mm	Max./mm	mm	mm	mm	mm	Ω /km	MΩ · km	V/5min.	kg/km
3 × 6	0.31	3.6	1.1	1.9	10.5×23.0	3.390	400	3,500	460
3 × 10	0.41	4.8	1.1	2.1	12.0×27.0	1.950	300	3,500	680
3 × 16	0.41	6.0	1.2	2.3	14.0×32.0	1.240	300	3,500	940
3 × 25	0.41	7.4	1.2	2.5	15.5×36.5	0.795	300	3,500	1,300
3 × 35	0.41	8.7	1.2	2.7	17.0×40.5	0.565	200	3,500	1,680
3 × 50	0.41	10.4	1.5	3.0	20.0×48.0	0.393	200	3,500	2,340
3 × 70	0.51	12.5	2.0	3.4	24.0×57.5	0.277	200	3,500	3,340
3 × 95	0.51	14.5	2.0	3.7	26.5×64.0	0.210	200	3,500	4,280
3 × 120	0.51	16.2	2.0	3.9	28.5×69.5	0.164	200	3,500	5,200
3 × 150	0.51	18.2	2.0	4.2	31.0×76.0	0.132	200	3,500	6,340
3 × 185	0.51	20.2	2.5	4.6	35.0×85.5	0.108	200	3,500	7,940
3 × 240	0.51	23.3	2.5	5.1	38.5×95.5	0.0817	200	3,500	10,160
3 × 300	0.51	26.0	2.5	5.4	42.0×103.5	0.0654	200	3,500	12,320
4 × 6	0.31	3.6	1.1	2.0	10.5×33.0	3.390	400	3,500	660
4 × 10	0.41	4.8	1.1	2.2	12.0×38.0	1.950	300	3,500	950
4 × 16	0.41	6.0	1.2	2.4	14.0×44.0	1.240	300	3,500	1,310
4 × 25	0.41	7.4	1.2	2.7	16.0×50.0	0.795	300	3,500	1,820
4 × 35	0.41	8.7	1.2	2.9	17.5×55.5	0.565	200	3,500	2,340
4 × 50	0.41	10.4	1.5	3.2	20.5×65.0	0.393	200	3,500	3,230
4 × 70	0.51	12.5	2.0	3.7	24.5×78.0	0.277	200	3,500	4,600
4 × 95	0.51	14.5	2.0	4.0	27.0×86.5	0.210	200	3,500	5,890
4 × 120	0.51	16.2	2.0	4.3	29.5×94.0	0.164	200	3,500	7,160
4 × 150	0.51	18.2	2.0	4.6	32.0×104.0	0.132	200	3,500	8,790
4 × 185	0.51	20.2	2.5	5.1	36.0×117.0	0.108	200	3,500	11,000
4 × 240	0.51	23.3	2.5	5.6	39.5×129.5	0.0817	200	3,500	14,010
4 × 300	0.51	26.0	2.5	6.8	45.6×146.0	0.0654	200	3,500	17,115

Festoon Cable | 커텐용 케이블

0.6/1KV FC-PNCT-F/FC-PNCT(S)-F

Reference Standard : Manufactured Standard

선심수 No. of Cores	도체 Conductor			절연두께 Thickness of Insulation	0.6/1KV FC-PNCT-F Non-Shield			0.6/1KV FC-PNCT(S)-F Shield				도체저항 Conductor Resistance (20℃) (Max.)	절연저항 Insulation Resistance (20℃) (Min.)	시험전압 Test Voltage
	공칭단면적 Nominal Cross- Sectional Area	구 성 Composition	바깥지름 Outer Diameter (Approx.)		시스두께 Thickness of Sheath	완성외경 Overall Diameter (Approx.)	개산중량 Weight (Approx.)	편조선경 Diameter of Sheath	시스두께 Thickness of Sheath (Approx.)	완성외경 Overall Diameter (Approx.)	개산중량 Weight			
	mm ²	Max./mm	mm		mm	mm	kg/mm	mm	mm	mm	kg/mm			
3	1.5	0.26	1.7	1.0	1.6	8.0×16.5	210	0.12	1.7	9.0×19.5	270	13.7	500	3,500
	2.5	0.26	2.1	1.0	1.8	8.5×18.0	250	0.12	1.8	10.0×21.0	310	8.21	500	3,500
	4.0	0.31	2.7	1.1	1.9	10.0×21.0	360	0.12	1.9	11.0×23.5	410	5.09	500	3,500
4	1.5	0.26	1.7	1.0	1.7	8.5×24.0	300	0.12	1.8	9.5×27.5	380	13.7	500	3,500
	2.5	0.26	2.1	1.0	1.7	9.0×26.0	360	0.12	1.9	10.0×29.5	460	8.21	500	3,500
	4.0	0.31	2.7	1.1	1.9	10.0×29.5	500	0.12	2.0	11.0×33.0	590	5.09	500	3,500
5	1.5	0.26	1.7	1.0	1.7	8.5×31.0	400	0.12	1.9	9.5×36.0	510	13.7	500	3,500
	2.5	0.26	2.1	1.0	1.8	9.0×34.0	490	0.12	2.0	10.0×38.0	610	8.21	500	3,500
	4.0	0.31	2.7	1.1	2.0	10.5×38.0	660	0.12	2.1	11.0×42.5	780	5.09	500	3,500
2	1.5	0.26	1.7	1.0	2.5	17.0×28.0	620	0.16	2.6	18.0×30.0	700	13.7	500	3,500
	2.5	0.26	2.1	1.0	2.6	18.0×30.0	750	0.16	2.7	19.0×32.0	840	8.21	500	3,500
	4.0	0.31	2.7	1.1	2.8	20.5×34.0	990	0.16	3.0	21.5×36.0	1,100	5.09	500	3,500
2	1.5	0.26	1.7	1.0	2.6	18.0×31.0	740	0.16	2.8	19.5×33.0	830	13.7	500	3,500
	2.5	0.26	2.1	1.0	2.7	19.5×33.0	890	0.16	2.9	20.5×35.0	1,000	8.21	500	3,500
	4.0	0.31	2.7	1.1	3.0	22.0×37.0	1,200	0.16	3.1	23.0×39.0	1,310	5.09	500	3,500
3	1.5	0.26	1.7	1.0	2.6	17.0×39.0	900	0.16	2.7	18.0×42.5	1,050	13.7	500	3,500
	2.5	0.26	2.1	1.0	2.7	18.0×42.0	1,100	0.16	2.9	19.5×45.5	1,260	8.21	500	3,500
	4.0	0.31	2.7	1.1	2.9	20.5×47.0	1,460	0.16	3.1	21.5×51.0	1,640	5.09	500	3,500
2	1.5	0.26	1.7	1.0	2.7	19.0×32.5	850	0.16	2.9	21.0×35.0	970	13.7	500	3,500
	2.5	0.26	2.1	1.0	2.9	21.0×36.0	1,050	0.16	3.1	22.5×38.0	1,180	8.21	500	3,500
	4.0	0.31	2.7	1.1	3.2	23.5×40.0	1,420	0.18	3.3	25.0×42.5	1,550	5.09	500	3,500
3×4	1.5	0.26	1.7	1.0	2.7	18.0×42.0	1,060	0.16	2.9	20.0×46.0	1,230	13.7	500	3,500
	2.5	0.26	2.1	1.0	2.9	19.5×45.5	1,310	0.16	3.0	21.0×49.0	1,480	8.21	500	3,500
4×4	1.5	0.26	1.7	1.0	2.9	18.5×57.5	1,520	0.16	3.1	20.0×63.0	1,770	13.7	500	3,500
	2.5	0.26	2.1	1.0	3.1	20.0×61.5	1,850	0.16	3.3	21.5×67.0	2,110	8.21	500	3,500
3×8	1.5	0.26	1.7	1.0	3.4	24.5×58.0	2,000	0.18	3.6	26.0×62.0	2,220	13.7	500	3,500
	2.5	0.26	2.1	1.0	3.6	26.0×62.5	2,470	0.18	3.8	28.0×67.0	2,750	8.21	500	3,500
3×9	1.5	0.26	1.7	1.0	3.6	26.0×62.0	2,290	0.18	3.8	28.0×66.0	2,540	13.7	500	3,500
	2.5	0.26	2.1	1.0	3.8	28.0×67.0	2,820	0.18	4.0	30.0×72.0	3,110	8.21	500	3,500
3×10	1.5	0.26	1.7	1.0	3.7	27.5×66.0	2,550	0.18	3.9	29.0×70.0	2,830	13.7	500	3,500
	2.5	0.26	2.1	1.0	4.0	30.0×71.5	3,190	0.18	4.2	31.5×75.5	3,480	8.21	500	3,500

Festoon Cable | 커텐용 케이블

0.6/1KV FC-PNCT-RF/FC-PNCT(S)-RF

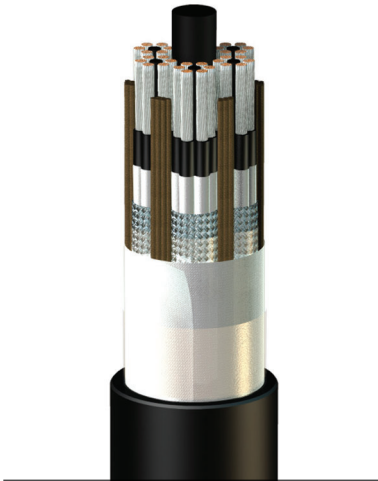
Reference Standard : Manufactured Standard

선심수 No. of Cores	도체 Conductor			절연두께 Thickness of Insulation	0.6/1KV FC-PNCT-RF Non-Shield			0.6/1KV FC-PNCT(S)-RF Shield				도체저항 Conductor Resistance (20℃) (Max.)	절연저항 Insulation Resistance (20℃) (Min.)	시험전압 Test Voltage
	공칭단면적 Nominal Cross- Sectional Area	구 성 Composition	바깥지름 Outer Diameter (Approx.)		시스두께 Thickness of Sheath	완성외경 Overall Diameter (Approx.)	개산중량 Weight (Approx.)	편조소선경 Diameter of Sheath	시스두께 Thickness of Sheath (Approx.)	완성외경 Overall Diameter (Approx.)	개산중량 Weight			
	mm ²	Max./mm	mm		mm	mm	mm	kg/mm	mm	mm	mm			
	Q /km	MΩ · km	V/5min.											
3×1	1.5	0.26	1.7	1.2	2.4	10.5×19.5	310	0.12	2.6	12.0×23.5	430	13.7	500	3,500
	2.5	0.26	2.1	1.2	2.5	11.0×21.0	370	0.12	2.7	12.5×25.0	490	8.21	500	3,500
	4.0	0.31	2.7	1.2	2.6	12.0×23.0	470	0.12	2.8	13.5×27.0	590	5.09	500	3,500
4×1	1.5	0.26	1.7	1.2	2.5	10.5×27.0	450	0.12	2.7	12.0×32.5	600	13.7	500	3,500
	2.5	0.26	2.1	1.2	2.6	11.0×29.0	530	0.12	2.8	13.0×34.0	700	8.21	500	3,500
	4.0	0.31	2.7	1.2	2.7	12.0×32.0	650	0.12	2.9	13.5×37.0	840	5.09	500	3,500
5×1	1.5	0.26	1.7	1.2	2.6	11.0×35.0	590	0.12	2.8	12.5×41.5	800	13.7	500	3,500
	2.5	0.26	2.1	1.2	2.7	11.5×37.0	700	0.12	2.9	13.0×43.5	920	8.21	500	3,500
	4.0	0.31	2.7	1.2	2.8	12.0×40.5	850	0.12	3.0	14.0×47.0	1,090	5.09	500	3,500
2×3	1.5	0.26	1.7	1.2	3.4	19.5×31.5	850	0.16	3.6	21.5×35.0	1,040	13.7	500	3,500
	2.5	0.26	2.1	1.2	3.5	21.0×33.5	990	0.16	3.7	22.5×37.0	1,190	8.21	500	3,500
	4.0	0.31	2.7	1.2	3.7	22.5×36.5	1,210	0.16	3.9	24.5×40.0	1,450	5.09	500	3,500
2×4	1.5	0.26	1.7	1.2	3.5	21.0×34.0	1,000	0.16	3.7	23.0×37.0	1,200	13.7	500	3,500
	2.5	0.26	2.1	1.2	3.7	22.5×36.5	1,180	0.16	3.8	24.0×39.5	1,390	8.21	500	3,500
	4.0	0.31	2.7	1.2	3.8	24.0×39.5	1,440	0.16	4.0	26.0×42.5	1,680	5.09	500	3,500
3×3	1.5	0.26	1.7	1.2	3.5	20.0×43.5	1,230	0.16	3.7	22.0×48.0	1,500	13.7	500	3,500
	2.5	0.26	2.1	1.2	3.6	21.0×46.5	1,450	0.16	3.8	23.0×51.0	1,750	8.21	500	3,500
	4.0	0.31	2.7	1.2	3.8	23.0×51.0	1,780	0.16	4.0	24.5×55.5	2,100	5.09	500	3,500
2×5	1.5	0.26	1.7	1.2	3.7	23.0×37.0	1,170	0.16	3.9	24.5×40.0	1,400	13.7	500	3,500
	2.5	0.26	2.1	1.2	3.8	24.0×39.0	1,370	0.16	4.0	26.0×42.5	1,600	8.21	500	3,500
	4.0	0.31	2.7	1.2	4.1	26.5×43.0	1,740	0.18	4.3	28.5×46.5	2,000	5.09	500	3,500
3×4	1.5	0.26	1.7	1.2	3.7	21.5×47.5	1,450	0.16	3.9	23.5×52.0	1,750	13.7	500	3,500
	2.5	0.26	2.1	1.2	3.8	23.0×50.5	1,720	0.18	4.0	24.5×55.0	2,050	8.21	500	3,500
4×4	1.5	0.26	1.7	1.2	3.9	22.0×63.5	2,040	0.16	4.1	23.5×69.5	2,450	13.7	500	3,500
	2.5	0.26	2.1	1.2	4.0	23.0×68.0	2,390	0.18	4.3	25.0×74.0	2,850	8.21	500	3,500
3×8	1.5	0.26	1.7	1.2	4.4	28.0×64.5	2,630	0.18	4.6	30.0×69.5	3,050	13.7	500	3,500
	2.5	0.26	2.1	1.2	4.6	30.0×69.5	3,170	0.18	4.8	32.0×74.0	3,620	8.21	500	3,500
3×9	1.5	0.26	1.7	1.2	4.6	30.0×69.0	3,000	0.18	4.8	32.0×74.0	3,450	13.7	500	3,500
	2.5	0.26	2.1	1.2	4.8	32.0×74.0	3,590	0.18	5.0	34.0×79.0	4,060	8.21	500	3,500
3×10	1.5	0.26	1.7	1.2	4.8	31.5×73.5	3,350	0.18	5.0	33.5×78.0	3,850	13.7	500	3,500
	2.5	0.26	2.1	1.2	5.0	34.0×79.0	4,050	0.18	5.2	36.0×84.0	4,550	8.21	500	3,500

Spreader Cable | 스프레더 케이블

부두 컨테이너 하역기계 등의 이동용 기기의 전원 공급용 전선으로 사용한다.

Spreader cable is a power supply cable for moving equipment which is used for transportation and handling of containers at the pier.

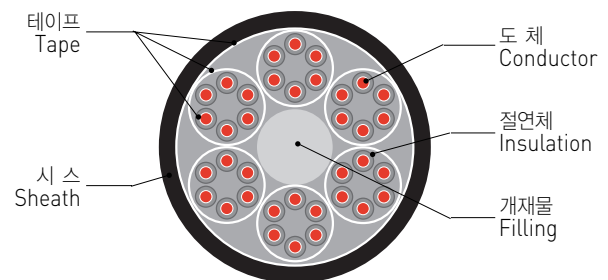
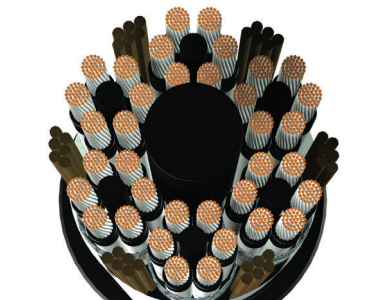


Characteristics

- 내염화성 Twisting Resistance
- 고장력 High Tension
- 난연성 Flame Retardance
- 내후성 Weather Resistance
- 내굴곡성 Bending Resistance

Application Ranges

- Spreader
- Lighting equipment, etc.



0.6/1KV SC-PNCT

선심수 No. of Core	도체 Conductor			절연두께 Thickness of Insulation	시스두께 Thickness of Sheath	시스외경 Sheath Overall Diameter	도체저항 Conductor Resistance (20℃)(Max.)	절연저항 Insulation Resistance (20℃)(Min.)	시험전압 Test Voltage	케이블중량 Weight
	공칭단면적 Nominal Sectional Area	구 성 Construction	바깥지름 Outer Diameter (Approx.)							
	mm ²	Max./mm	mm	mm	mm	mm	Ω /km	MΩ /km	V/5min.	mm
6×4	2.5	0.26	2.1	1.0	3.7	43.5	8.21	400	3,500	2,710
6×5	2.5	0.26	2.1	1.0	4.0	48.0	8.21	400	3,500	3,340
6×6	2.5	0.26	2.1	1.0	4.3	53.0	8.21	400	3,500	4,070
6×7	2.5	0.26	2.1	1.0	4.6	58.5	8.21	400	3,500	4,900
6×4	4.0	0.31	2.6	1.1	4.1	49.5	5.09	400	3,500	3,680
6×5	4.0	0.31	2.6	1.1	4.4	55.5	5.09	400	3,500	4,570
6×6	4.0	0.31	2.6	1.1	4.7	61.0	5.09	400	3,500	5,540
6×7	4.0	0.31	2.6	1.1	5.1	67.0	5.09	400	3,500	6,670

Spreader Cable | 스프레더 케이블

0.6/1KV SC-PNCT/SC-PNCT(S)

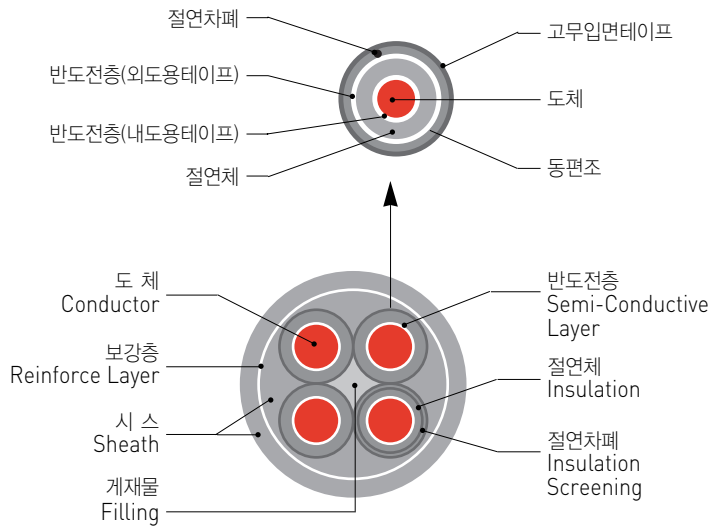
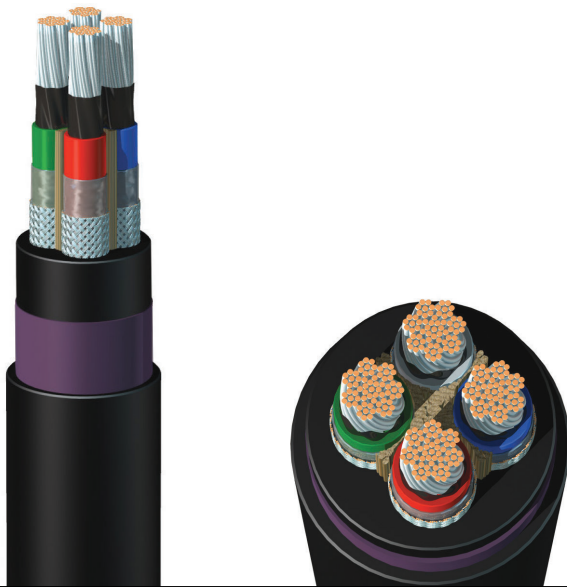
Reference Standard : Manufactured Standard

선심수 No. of Cores	도체 Conductor			절연두께 Thickness of Insulation	0.6/1KV SC-PNCT Non-Shield			0.6/1KV SC-PNCT(S) Shield				도체저항 Conductor Resistance (20℃) (Max.)	절연저항 Insulation Resistance (20℃) (Min.)	시험전압 Test Voltage
	공칭단면적 Nominal Cross- Sectional Area	구 성 Composition	바깥지름 Outer Diameter (Approx.)		시스두께 Thickness of Sheath	완성외경 Overall Diameter (Approx.)	개산중량 Weight (Approx.)	편조소선경 Diameter of Sheath	시스두께 Thickness of Sheath (Approx.)	완성외경 Overall Diameter (Approx.)	개산중량 Weight			
	mm²	Max./mm	mm		mm	mm	kg/mm	mm	mm	mm	kg/mm			
3×1	1.5	0.26	1.7	1.0	1.6	7.5×16.0	200	0.12	1.7	8.5×19.0	260	13.7	500	3,500
	2.5	0.26	2.1	1.0	1.6	8.0×17.0	240	0.12	1.8	9.5×20.5	310	8.21	500	3,500
	4.0	0.31	2.7	1.1	1.8	9.0×20.0	340	0.12	1.9	10.5×23.0	410	5.09	500	3,500
4×1	1.5	0.26	1.7	1.0	1.7	7.5×23.0	290	0.12	1.8	9.0×27.5	380	13.7	500	3,500
	2.5	0.26	2.1	1.0	1.7	8.0×24.5	350	0.12	1.9	9.5×29.0	450	8.21	500	3,500
	4.0	0.31	2.7	1.1	1.9	9.5×28.5	490	0.12	2.0	10.5×32.5	590	5.09	500	3,500
5×1	1.5	0.26	1.7	1.0	1.7	7.5×30.0	380	0.12	1.9	9.0×35.5	500	13.7	500	3,500
	2.5	0.26	2.1	1.0	1.8	8.5×32.5	470	0.12	2.0	9.5×38.0	600	8.21	500	3,500
	4.0	0.31	2.7	1.1	2.0	9.5×37.0	640	0.12	2.1	10.5×42.0	770	5.09	500	3,500
2×3	1.5	0.26	1.7	1.0	2.3	14.0×23.5	500	0.12	2.3	14.5×24.5	530	13.7	500	3,500
	2.5	0.26	2.1	1.0	2.4	15.5×25.5	620	0.12	2.4	16.0×26.5	650	8.21	500	3,500
	4.0	0.31	2.7	1.1	2.6	17.5×29.5	840	0.16	2.7	18.5×31.0	910	5.09	500	3,500
2×4	1.5	0.26	1.7	1.0	2.4	15.5×26.0	610	0.12	2.5	16.0×27.0	650	13.7	500	3,500
	2.5	0.26	2.1	1.0	2.5	16.5×28.0	750	0.16	2.6	17.5×29.5	810	8.21	500	3,500
	4.0	0.31	2.7	1.1	2.8	19.0×32.5	1,040	0.16	2.9	20.0×34.0	1,120	5.09	500	3,500
3×3	1.5	0.26	1.7	1.0	2.4	14.5×33.0	740	0.12	2.4	15.0×34.5	780	13.7	500	3,500
	2.5	0.26	2.1	1.0	2.5	15.5×36.0	910	0.12	2.6	16.0×38.0	980	8.21	500	3,500
	4.0	0.31	2.7	1.1	2.7	17.5×41.5	1,240	0.16	2.8	18.5×44.0	1,120	5.09	500	3,500
2×5	1.5	0.26	1.7	1.0	2.5	17.0×28.5	730	0.16	2.6	17.5×30.0	790	13.7	500	3,500
	2.5	0.26	2.1	1.0	2.7	18.5×31.0	920	0.16	2.8	19.0×32.5	990	8.21	500	3,500
	4.0	0.31	2.7	1.1	3.0	21.0×36.0	1,260	0.16	3.1	22.0×37.5	1,120	5.09	500	3,500
3×4	1.5	0.26	1.7	1.0	2.5	15.5×36.5	900	0.12	2.6	16.5×38.5	970	13.7	500	3,500
	2.5	0.26	2.1	1.0	2.6	17.0×39.5	1,110	0.16	2.7	17.5×42.0	1,120	8.21	500	3,500
	4.0	0.31	2.7	1.1	2.9	19.5×46.0	1,550	0.16	3.0	20.5×48.5	1,660	5.09	500	3,500
4×4	1.5	0.26	1.7	1.0	2.7	16.0×50.5	1,280	0.12	2.8	17.0×53.0	1,370	13.7	500	3,500
	2.5	0.26	2.1	1.0	2.8	17.0×54.5	1,570	0.16	2.9	18.0×57.5	1,700	8.21	500	3,500
	4.0	0.31	2.7	1.1	3.2	20.0×63.0	2,190	0.16	3.3	21.0×66.0	2,340	5.09	500	3,500
3×8	1.5	0.26	1.7	1.0	3.2	22.0×52.0	1,790	0.16	3.3	22.5×54.5	1,920	13.7	500	3,500
	2.5	0.26	2.1	1.0	3.4	23.5×57.0	2,250	0.16	3.5	24.5×59.0	2,380	8.21	500	3,500
	4.0	0.31	2.7	1.1	3.8	27.5×66.5	3,140	0.18	3.9	28.5×69.0	3,310	5.09	500	3,500
3×9	1.5	0.26	1.7	1.0	3.4	23.5×56.0	2,070	0.16	3.5	24.5×58.5	2,200	13.7	500	3,500
	2.5	0.26	2.1	1.0	3.6	25.5×61.5	2,600	0.18	3.7	26.5×64.0	2,760	8.21	500	3,500
	4.0	0.31	2.7	1.1	4.0	29.5×71.5	3,610	0.18	4.1	30.5×74.0	3,800	5.09	500	3,500
3×10	1.5	0.26	1.7	1.0	3.5	25.0×60.0	2,340	0.18	3.6	26.0×62.5	2,500	13.7	500	3,500
	2.5	0.26	2.1	1.0	3.8	27.0×65.5	2,960	0.18	3.9	28.0×68.5	3,130	8.21	500	3,500
	4.0	0.31	2.7	1.1	4.3	31.5×77.0	4,140	0.18	4.4	32.5×79.5	4,350	5.09	500	3,500

High Voltage Cable | 고압용 케이블

운송기계, 하역기계 등의 릴용 케이블로 이동용 기기의 고압 전원 공급용 전선

High voltage cable is a power supply cable for moving equipment which is used in reel style for transportation machine and cargo handling.



Characteristics

- 고장력 High Tension
- 내충격성 Impact Resistance
- 내마모성 Abrasion Resistance
- 난연성 Flame Retardance
- 내후성 Weather Resistance

Application Ranges

- Unloader
- Stacker & Reclaimer
- Gantry Crane, etc.

3.6/6KV PNCT-R

Reference Standard : Manufactured Standard

선심수 Number of Cores	도체 Conductor		절연두께 Thickness of Insulation	시스두께 Thickness of Sheath	시스외경 Sheath Overall Diameter	도체저항 Conductor Resistance (20℃)(Max.)	절연저항 Insulation Resistance (20℃)(Min.)	시험전압 Test Voltage	케이블 중량 Weight
	구 성 Composition	바깥지름 Outer Diameter							
core × sq mm	Max./mm	mm	mm	mm	mm	Ω /km	MΩ · km	V/5min.	kg/km
3 × 16	0.41	6.0	3.0	4.7	40.0	1.240	500	9,000	2,180
3 × 25	0.41	7.4	3.0	4.9	43.5	0.795	400	9,000	2,710
3 × 35	0.41	8.7	3.0	5.1	46.0	0.565	400	9,000	3,210
3 × 50	0.41	10.4	3.5	5.5	53.0	0.393	400	9,000	4,310
3 × 70	0.51	12.5	3.5	5.7	57.5	0.277	300	9,000	5,320
3 × 95	0.51	14.5	3.5	6.0	62.5	0.210	300	9,000	6,500
3 × 120	0.51	16.2	3.5	6.3	66.5	0.164	300	9,000	7,640
3 × 150	0.51	18.2	3.5	6.5	71.0	0.132	300	9,000	8,990
3 × 185	0.51	20.2	4.0	6.8	76.0	0.108	300	9,000	10,530
4 × 16	0.41	6.0	3.0	4.9	44.0	1.240	500	9,000	2,690
4 × 25	0.41	7.4	3.0	5.1	47.5	0.795	400	9,000	3,340
4 × 35	0.41	8.7	3.0	5.3	51.0	0.565	400	9,000	3,990
4 × 50	0.41	10.4	3.5	5.8	58.5	0.393	400	9,000	5,380
4 × 70	0.51	12.5	3.5	6.1	64.0	0.277	300	9,000	6,680
4 × 95	0.51	14.5	3.5	6.4	69.5	0.210	300	9,000	8,210
4 × 120	0.51	16.2	3.5	6.7	74.0	0.164	300	9,000	9,660
4 × 150	0.51	18.2	3.5	7.0	79.0	0.132	300	9,000	11,440
4 × 185	0.51	20.2	4.0	7.7	91.4	0.108	300	9,000	11,142

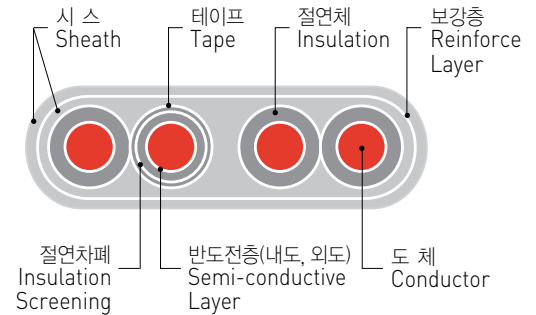
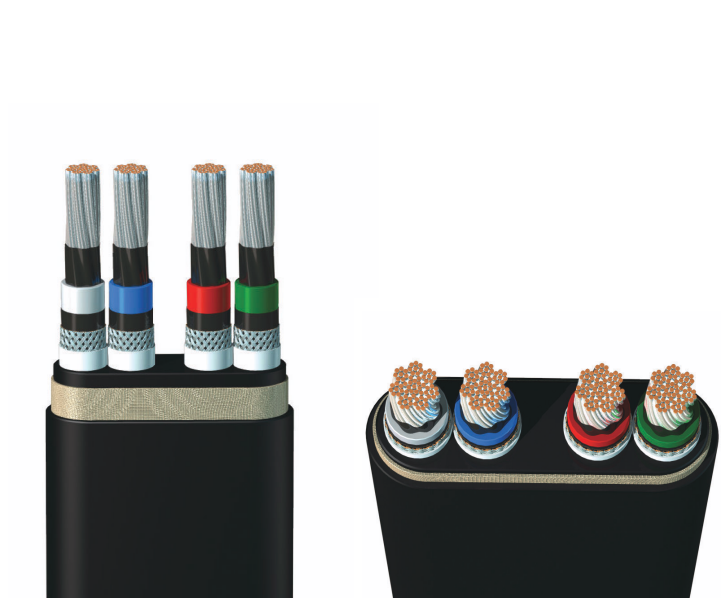
High Voltage Cable | 고압용 케이블

6/10KV PNCT-R

Reference Standard : Manufactured Standard

선심수 Number of Cores	도체 Conductor		절연두께 Thickness of Insulation	시스두께 Thickness of Sheath	시스외경 Sheath Overall Diameter	도체저항 Conductor Resistance (20℃)(Max.)	절연저항 Insulation Resistance (20℃)(Min.)	시험전압 Test Voltage	케이블 중량 Weight
	구 성 Composition	바깥지름 Outer Diameter							
core×sq mm	Max./mm	mm	mm	mm	mm	Ω /km	MΩ · km	V/5min.	kg/km
3 × 16	0.41	6.0	5.0	5.3	49.5	1.240	500	17,000	3,230
3 × 25	0.41	7.4	5.0	5.5	53.5	0.795	500	17,000	3,860
3 × 35	0.41	8.7	5.0	5.6	56.0	0.565	500	17,000	4,420
3 × 50	0.41	10.4	5.0	5.9	60.5	0.393	500	17,000	5,290
3 × 70	0.51	12.5	5.0	6.2	65.0	0.277	400	17,000	6,390
3 × 95	0.51	14.5	5.0	6.4	69.5	0.210	400	17,000	7,640
3 × 120	0.51	16.2	5.0	6.7	74.0	0.164	400	17,000	8,860
3 × 150	0.51	18.2	5.0	7.0	78.5	0.132	400	17,000	10,330
4 × 16	0.41	6.0	5.0	5.6	55.0	1.240	500	17,000	4,000
4 × 25	0.41	7.4	5.0	5.8	59.0	0.795	500	17,000	4,800
4 × 35	0.41	8.7	5.0	6.0	62.0	0.565	500	17,000	5,530
4 × 50	0.41	10.4	5.0	6.3	67.0	0.393	500	17,000	6,640
4 × 70	0.51	12.5	5.0	6.6	72.0	0.277	400	17,000	8,040
4 × 95	0.51	14.5	5.0	6.9	77.5	0.210	400	17,000	9,660
4 × 120	0.51	16.2	5.0	7.2	82.0	0.164	400	17,000	11,220
4 × 150	0.51	18.2	5.0	7.5	88.8	0.132	400	17,000	12,628

High Voltage Cable | 고압용 케이블



Characteristics

- 고장력 High Tension
- 내충격성 Impact Resistance
- 내마모성 Abrasion Resistance
- 난연성 Flame Retardance
- 내후성 Weather Resistance

Application Ranges

- Unloader
- Stacker & Reclaimer
- Gantry Crane, etc.

3.6/6KV PNCT-RF

Reference Standard : Manufactured Standard

선심수 Number of Cores	도체 Conductor		절연두께 Thickness of Insulation	시스두께 Thickness of Sheath	시스외경 Sheath Overall Diameter	도체저항 Conductor Resistance (20℃)(Max.)	절연저항 Insulation Resistance (20℃)(Min.)	시험전압 Test Voltage	케이블 중량 Weight
	구 성 Composition	바깥지름 Outer Diameter							
core × sq mm	Max./mm	mm	mm	mm	mm	Ω /km	MΩ · km	V/5min.	kg/km
3 × 16	0.41	6.0	3.0	4.3	23.0×50.5	1.240	500	9,000	1,920
3 × 25	0.41	7.4	3.0	4.5	25.0×55.5	0.795	400	9,000	2,400
3 × 35	0.41	8.7	3.0	4.7	26.5×59.5	0.565	400	9,000	2,880
3 × 50	0.41	10.4	3.5	5.1	30.0×68.5	0.393	400	9,000	3,850
3 × 70	0.51	12.5	3.5	5.3	32.5×74.5	0.277	400	9,000	4,760
3 × 95	0.51	14.5	3.5	5.6	35.0×81.0	0.210	300	9,000	5,850
3 × 120	0.51	16.2	3.5	5.9	37.5×87.0	0.164	300	9,000	6,910
3 × 150	0.51	18.2	3.5	6.1	39.5×93.0	0.132	300	9,000	8,150
3 × 185	0.51	20.2	4.0	6.6	43.5×130.0	0.108	300	9,000	9,990
3 × 240	0.51	23.3	4.0	7.0	47.5×112.5	0.0817	300	9,000	12,380
4 × 16	0.41	6.0	3.0	4.5	23.5×68.0	1.240	500	9,000	2,660
4 × 25	0.41	7.4	3.0	4.7	25.5×74.0	0.795	400	9,000	3,310
4 × 35	0.41	8.7	3.0	4.9	27.0×79.0	0.565	400	9,000	3,940
4 × 50	0.41	10.4	3.5	5.4	30.5×91.5	0.393	400	9,000	5,280
4 × 70	0.51	12.5	3.5	5.7	33.0×99.3	0.277	400	9,000	6,570
4 × 95	0.51	14.5	3.5	6.0	36.0×110.0	0.210	300	9,000	8,130
4 × 120	0.51	16.2	3.5	6.3	38.0×117.5	0.164	300	9,000	9,570
4 × 150	0.51	18.2	3.5	6.6	40.5×125.5	0.132	300	9,000	11,290
4 × 185	0.51	20.2	4.0	7.2	44.5×138.5	0.108	300	9,000	13,800
4 × 240	0.51	23.3	4.0	8.4	50.3×155.7	0.0817	300	9,000	16,991

High Voltage Cable | 고압용 케이블

6/10KV PNCT-RF

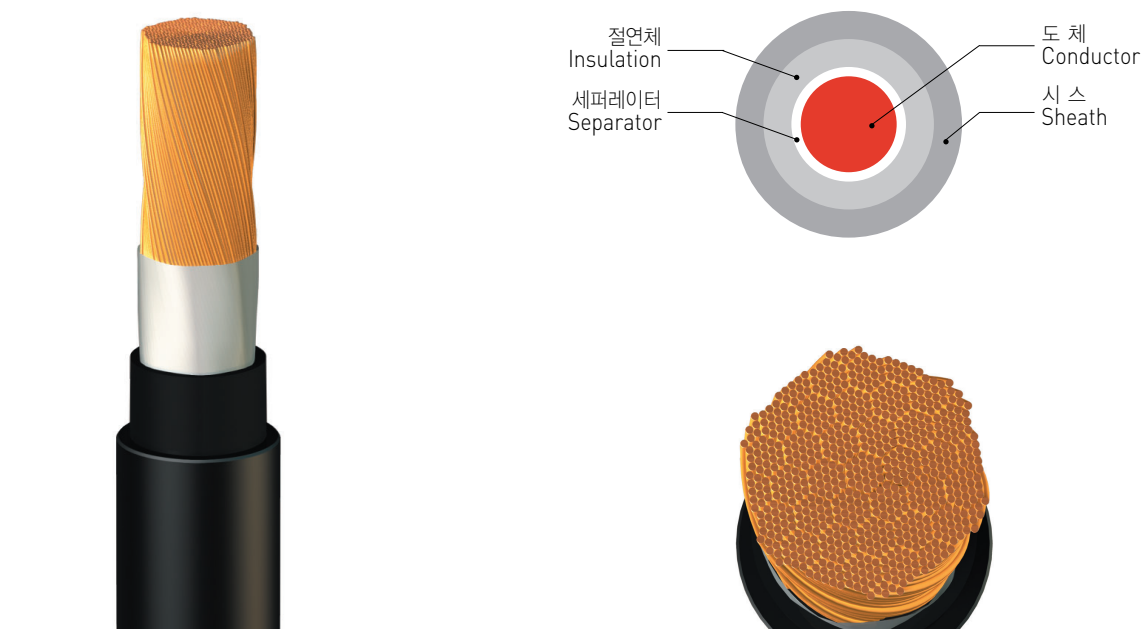
Reference Standard : Manufactured Standard

선심수 Number of Cores	도체 Conductor		절연두께 Thickness of Insulation	시스두께 Thickness of Sheath	시스외경 Sheath Overall Diameter	도체저항 Conductor Resistance (20℃)(Max.)	절연저항 Insulation Resistance (20℃)(Min.)	시험전압 Test Voltage	케이블 중량 Weight
	구 성 Composition	바깥지름 Outer Diameter							
core×sq mm	Max./mm	mm	mm	mm	mm	Ω /km	MΩ · km	V/5min.	kg/km
3 × 16	0.41	6.0	5.0	4.9	28.5×64.0	1.240	500	17,000	2,830
3 × 25	0.41	7.4	5.0	5.1	30.0×69.0	0.795	500	17,000	3,390
3 × 35	0.41	8.7	5.0	5.2	31.5×72.5	0.565	500	17,000	3,900
3 × 50	0.41	10.4	5.0	5.5	34.0×78.5	0.393	500	17,000	4,700
3 × 70	0.51	12.5	5.0	5.8	36.5×84.5	0.277	400	17,000	5,720
3 × 95	0.51	14.5	5.0	6.0	39.0×91.0	0.210	400	17,000	6,840
3 × 120	0.51	16.2	5.0	6.3	41.0×96.5	0.164	400	17,000	7,970
3 × 150	0.51	18.2	5.0	6.6	43.5×103.0	0.132	400	17,000	9,300
3 × 185	0.51	20.2	5.0	6.9	46.0×109.5	0.108	400	17,000	10,820
3 × 240	0.51	23.3	5.0	7.3	50.0×119.0	0.0817	400	17,000	13,280
4 × 16	0.41	6.0	5.0	5.2	29.0×85.5	1.240	500	17,000	3,920
4 × 25	0.41	7.4	5.0	5.4	31.0×91.5	0.795	500	17,000	4,680
4 × 35	0.41	8.7	5.0	5.6	32.5×97.0	0.565	500	17,000	5,410
4 × 50	0.41	10.4	5.0	5.9	34.5×104.5	0.393	500	17,000	6,480
4 × 70	0.51	12.5	5.0	6.2	37.0×114.5	0.277	400	17,000	7,950
4 × 95	0.51	14.5	5.0	6.5	40.0×123.0	0.210	400	17,000	9,530
4 × 120	0.51	16.2	5.0	6.8	42.0×130.5	0.164	400	17,000	11,030
4 × 150	0.51	18.2	5.0	7.1	44.5×138.5	0.132	400	17,000	12,890
4 × 185	0.51	20.2	5.0	7.2	51.0×153.0	0.108	400	17,000	15,368
4 × 240	0.51	23.3	5.0	8.8	52.9×164.3	0.0817	400	17,000	18,131

Welding Cables | 용접용 케이블

용접용 케이블은 아크 용접기의 2차쪽에 사용된다.

Welding cable is used at the secondary outlet of an arc welder.



60245 KSC IEC 81 천연고무 또는 이와 동등한 합성고무 시스의 아크 용접 전극 케이블

60245 KSC IEC 82 클로로프렌 또는 이와 동등한 합성고무 시스의 아크 용접 전극 케이블

Natural rubber or equivalent synthetic rubber sheath, arc welding electrode cable
Chloroprene or equivalent synthetic rubber sheath, arc welding electrode cable

Standard : KS C 3321 (MOD., KSC IEC 6045-6)

도체 Conductor		피복 합계 두께 Total Thickness of Covering Specified Value	복합 피복 시스두께 Thickness of Sheath of Composite Covering Specified Value	평균완성외경 Mean Overall Diameter		최대 도체 저항 (20℃) Maximum Conductor Resistance at 20℃		케이블 중량 Weight
공칭단면적 Nominal Cross-Sectional Area	최대소선지름 Maximum Diameter of Wires in Conductor			하한 Lower Limit	상한 Upper Limit	주석 도금 연동선 Tinned Wires	연동선 Untinned Wires	
mm ²	mm	mm	mm	mm	mm	Ω /km	Ω /km	kg/km
16	0.21	2.0	1.3	9.2	11.5	1.19	1.16	230
25	0.21	2.0	1.3	10.5	13.0	0.78	0.758	322
35	0.21	2.0	1.3	11.5	14.5	0.552	0.536	404
50	0.21	2.2	1.5	13.5	17.0	0.39	0.379	574
70	0.21	2.4	1.6	15.5	19.5	0.276	0.268	799
95	0.21	2.6	1.7	18.0	22.0	0.204	0.198	1,067
120	0.26	3.2	2.1	20.6	25.2	0.152	0.161	1,360
150	0.26	3.3	2.1	22.5	27.5	0.126	0.133	1,678
185	0.26	3.5	2.3	24.8	30.3	0.0978	0.1033	2,051
240	0.26	3.9	2.5	28.0	34.2	0.0763	0.0806	2,662
300	0.26	4.0	2.6	30.7	37.5	0.0614	0.0648	3,292
400	0.26	4.5	2.9	35.5	43.3	0.0452	0.0478	3,449

0.6/1KV Ethylene Propylene Rubber Insulated Cables | 고무절연 케이블

0.6/1KV PN

Standard : KSC IEC 60502-1

선심수 Number of Cores	도체 Conductor		절연두께 Thickness of Insulation	시스두께 Thickness of Sheath	시스외경 Sheath Overall Diameter	도체저항 Conductor Resistance (20℃)(Max.)	시험전압 Test Voltage	케이블 중량 Weight
	구 성 No.of dia.	바깥지름 Outer Diameter						
core×sq mm	mm	mm	mm	mm	mm	Ω /km	V/5min.	kg/km
1.5	7/0.53	1.59	1.0	1.4	7.0	12.2	3,500	66
2.5	7/0.67	2.01	1.0	1.4	7.5	7.56	3,500	79
4	7/0.85	2.55	1.0	1.4	8.0	4.70	3,500	100
6	7/1.04	3.12	1.0	1.4	8.5	3.11	3,500	125
10	7/1.35	4.05	1.0	1.4	9.5	1.84	3,500	173
16	7/1.70	5.10	1.0	1.4	10.5	1.16	3,500	240
25	7/2.14	6.42	1.2	1.4	12.0	0.734	3,500	353
35	7/1.52	7.56	1.2	1.4	13.0	0.529	3,500	252
50	19/1.78	8.90	1.4	1.4	15.0	0.391	3,500	604
70	19/2.14	10.70	1.4	1.5	17.0	0.270	3,500	832
95	19/2.52	12.60	1.6	1.6	20.0	0.195	3,500	1,132
120	37/2.03	14.21	1.6	1.6	21.5	0.154	3,500	1,388
150	37/2.25	15.75	1.8	1.7	23.5	0.126	3,500	1,699
185	37/2.52	17.64	2.0	1.8	26.0	0.100	3,500	2,116
240	61/2.25	20.25	2.2	1.9	29.0	0.0762	3,500	2,743
300	61/2.52	22.68	2.4	2.0	32.5	0.0607	3,500	3,409
400	61/2.85	25.65	2.6	2.1	36.0	0.0475	3,500	4,311
2 × 1.5	7/0.53	1.59	1.0	1.8	12.0	12.2	3,500	177
2 × 2.5	7/0.67	2.01	1.0	1.8	13.0	7.56	3,500	214
2 × 4	7/0.85	2.55	1.0	1.8	14.0	4.70	3,500	269
2 × 6	7/1.04	3.12	1.0	1.8	15.0	3.11	3,500	335
2 × 10	7/1.35	4.05	1.0	1.8	17.0	1.84	3,500	462
2 × 16	7/1.70	5.10	1.0	1.8	19.0	1.16	3,500	633
2 × 25	7/2.14	6.42	1.2	1.8	22.5	0.734	3,500	935
2 × 35	7/1.52	7.56	1.2	1.8	25.0	0.529	3,500	790
2 × 50	19/1.78	8.90	1.4	1.9	28.5	0.391	3,500	1,608
2 × 70	19/2.14	10.70	1.4	2.0	32.0	0.270	3,500	2,183
2 × 95	19/2.52	12.60	1.6	2.1	37.5	0.195	3,500	2,960
2 × 120	37/2.03	14.21	1.6	2.3	41.0	0.154	3,500	3,653
2 × 150	37/2.25	15.75	1.8	2.4	45.0	0.126	3,500	4,464
2 × 185	37/2.52	17.64	2.0	2.6	50.0	0.100	3,500	5,569
2 × 240	61/2.25	20.25	2.2	2.8	56.5	0.0762	3,500	7,219
2 × 300	61/2.52	22.68	2.4	3.0	62.5	0.0607	3,500	8,971
3 × 1.5	7/0.53	1.59	1.0	1.8	12.5	12.2	3,500	203
3 × 2.5	7/0.67	2.01	1.0	1.8	13.5	7.56	3,500	249
3 × 4	7/0.85	2.55	1.0	1.8	14.5	4.70	3,500	319
3 × 6	7/1.04	3.12	1.0	1.8	16.0	3.11	3,500	404
3 × 10	7/1.35	4.05	1.0	1.8	18.0	1.84	3,500	569
3 × 16	7/1.70	5.10	1.0	1.8	20.0	1.16	3,500	795
3 × 25	7/2.14	6.42	1.2	1.8	23.5	0.734	3,500	1,186
3 × 35	7/1.52	7.56	1.2	1.8	26.0	0.529	3,500	924

0.6/1KV Ethylene Propylene Rubber Insulated Cables | 고무절연 케이블

0.6/1KV PN

Standard : KSC 3132(MOD, KSC, IEC 60245-4)

선심수 Number of Cores	도체 Conductor		절연두께 Thickness of Insulation	시스두께 Thickness of Sheath	시스외경 Sheath Overall Diameter	도체저항 Conductor Resistance (20℃)(Max.)	시험전압 Test Voltage	케이블 중량 Weight
	구 성 No. of dia	바깥지름 Outer Diameter						
core × sq mm	mm	mm	mm	mm	mm	Ω /km	V/5min.	kg/km
3 × 50	19/1.78	8.90	1.4	1.9	30.0	0.391	3,500	2,065
3 × 70	19/2.14	10.70	1.4	2.1	34.5	0.270	3,500	2,847
3 × 95	19/2.52	12.60	1.6	2.2	40.0	0.195	3,500	3,871
3 × 120	37/2.03	14.21	1.6	2.4	44.0	0.154	3,500	4,789
3 × 150	37/2.25	15.75	1.8	2.5	48.5	0.126	3,500	5,857
3 × 185	37/2.52	17.64	2.0	2.7	53.5	0.100	3,500	7,310
3 × 240	61/2.25	20.25	2.2	2.9	60.5	0.0762	3,500	9,490
3 × 300	61/2.52	22.68	2.4	3.1	67.0	0.0607	3,500	11,808
3 × 400	61/2.85	25.65	2.6	-	-	0.0475	3,500	-
4 × 1.5	7/0.53	1.59	1.0	1.8	13.5	12.2	3,500	240
4 × 2.5	7/0.67	2.01	1.0	1.8	14.5	7.56	3,500	298
4 × 4	7/0.85	2.55	1.0	1.8	15.5	4.70	3,500	385
4 × 6	7/1.04	3.12	1.0	1.8	17.0	3.11	3,500	493
4 × 10	7/1.35	4.05	1.0	1.8	19.5	1.84	3,500	703
4 × 16	7/1.70	5.10	1.0	1.8	22.0	1.16	3,500	991
4 × 25	7/2.14	6.42	1.2	1.8	26.0	0.734	3,500	1,488
4 × 35	7/1.52	7.56	1.2	1.9	28.5	0.529	3,500	1,136
4 × 50	19/1.78	8.90	1.4	2.0	33.5	0.391	3,500	2,626
4 × 70	19/2.14	10.70	1.4	2.2	38.5	0.270	3,500	3,628
4 × 95	19/2.52	12.60	1.6	2.4	45.0	0.195	3,500	4,961
4 × 120	37/2.03	14.21	1.6	2.5	49.0	0.154	3,500	6,114
4 × 150	37/2.25	15.75	1.8	2.7	54.0	0.126	3,500	7,508
4 × 185	37/2.52	17.64	2.0	2.9	60.0	0.100	3,500	9,368
4 × 240	61/2.25	20.25	2.2	3.1	67.5	0.0762	3,500	12,166
4 × 300	61/2.52	22.68	2.4	3.4	75.0	0.0607	3,500	15,178
4 × 400	61/2.85	25.65	2.6	-	-	0.0475	3,500	-

300/500V Ethylene Propylene Rubber Insulated Cables | 고무절연 케이블

60245 IEC 53 300/500V 범용 고무코드 시스

300/500V General purpose rubber cord sheath

공칭 단면적 및 선심 수	절연체 두께 기준값	시스 두께 기준값	완성품 바깥지름			케이블 중량
			하한 값	평균 값	상한 값	
mm ²	mm	mm	mm	mm	mm	kg/km
2×0.75	0.6	0.8	6.0	7.1	8.2	58
2×1	0.6	0.9	6.6	7.7	8.8	69
2×1.5	0.8	1.0	8.0	9.8	10.5	107
2×2.5	0.9	1.1	9.5	11.0	12.5	155
3×0.75	0.6	0.9	6.5	7.7	8.8	72
3×1	0.6	0.9	7.0	8.1	9.2	82
3×1.5	0.8	1.0	8.6	9.8	11.0	127
3×2.5	0.9	1.1	10.0	11.5	13.0	192
4×0.75	0.6	0.9	7.1	8.4	9.6	87
4×1	0.6	0.9	7.6	8.8	10.0	103
4×1.5	0.8	1.1	9.6	11.1	12.5	158
4×2.5	0.9	1.2	11.0	12.5	14.0	233
5×0.75	0.6	1.0	8.0	9.5	11.0	109
5×1	0.6	1.0	8.5	10.0	11.5	122
5×1.5	0.8	1.1	10.5	12.0	13.5	193
5×2.5	0.9	1.3	12.5	14.0	15.5	285

60245 IEC 57 300/500V 범용 클로로프렌 또는 합성 고무코드 시스

300/500V Chloroprene or equivalent synthetic rubber sheath

공칭 단면적 및 선심 수	절연체 두께 기준값	시스 두께 기준값	완성품 바깥지름			케이블 중량
			하한 값	평균 값	상한 값	
mm ²	mm	mm	mm	mm	mm	kg/km
2×0.75	0.6	0.8	6.0	7.1	8.2	58
2×1	0.6	0.9	6.6	7.7	8.8	69
2×1.5	0.8	1.0	8.0	9.8	10.5	107
2×2.5	0.9	1.1	9.5	11.0	12.5	155
3×0.75	0.6	0.9	6.5	7.7	8.8	72
3×1	0.6	0.9	7.0	8.1	9.2	82
3×1.5	0.8	1.0	8.6	9.8	11.0	127
3×2.5	0.9	1.1	10.0	11.5	13.0	192
4×0.75	0.6	0.9	7.1	8.4	9.6	87
4×1	0.6	0.9	7.6	8.8	10.0	103
4×1.5	0.8	1.1	9.6	11.1	12.5	158
4×2.5	0.9	1.2	11.0	12.5	14.0	233
5×0.75	0.6	1.0	8.0	9.5	11.0	109
5×1	0.6	1.0	8.5	10.0	11.5	122
5×1.5	0.8	1.1	10.5	12.0	13.5	193
5×2.5	0.9	1.3	12.5	14.0	15.5	285

450/750V Ethylene Propylene Rubber Insulated Cables | 고무절연 케이블

60245 IEC 66 450/750V 경질 클로로프렌 또는 합성 고무코드 시스 유연성 케이블

450/750V Stiff chloroprene or equivalent synthetic rubber sheath flexible cable

선심 수 및 공칭 단면적	절연체 두께 기준값	시스 두께 기준값			완성품 바깥지름			케이블중량
		단층	2층		하한 값	평균 값	상한 값	
			내측층	외측층				
mm ²	mm ²	mm	mm	mm	mm	mm	mm	kg/km
1×1.5	0.8	1.4	-	-	5.8	6.5	7.2	48
1×2.5	0.9	1.4	-	-	6.4	7.2	8.0	68
1×4	1.0	1.5	-	-	7.4	8.2	9.0	94
1×6	1.0	1.6	-	-	8.0	9.5	11.0	120
1×10	1.2	1.8	-	-	9.8	11.2	12.5	193
1×16	1.2	1.9	-	-	11.0	12.8	14.5	269
1×25	1.4	2.0	-	-	12.5	14.5	16.5	399
1×35	1.4	2.2	-	-	14.0	16.3	18.5	520
1×50	1.6	2.4	-	-	16.5	18.8	21.0	725
1×70	1.6	2.6	-	-	18.5	21.0	23.5	974
1×95	1.8	2.8	-	-	21.0	23.5	26.0	1,263
1×120	1.8	3.0	-	-	23.5	26.0	28.5	1,519
1×150	2.0	3.2	-	-	26.0	28.8	31.5	1,906
1×185	2.2	3.4	-	-	27.5	31.0	34.5	2,344
1×240	2.4	3.5	-	-	30.5	34.3	38.0	3,122
1×300	2.6	3.6	-	-	33.5	37.7	41.9	3,849
1×400	2.8	3.8	-	-	37.5	42.0	46.5	5,124
2×1	0.8	1.3	-	-	8.0	9.3	10.5	94
2×1.5	0.8	1.5	-	-	9.0	10.3	11.5	135
2×2.5	0.9	1.7	-	-	10.5	12.0	13.5	193
2×4	1.0	1.8	-	-	12.0	13.5	15.0	269
2×6	1.0	2.0	-	-	13.5	16.0	18.5	344
2×10	1.2	3.1	-	-	18.5	21.3	24.0	579
2×16	1.2	3.3	1.3	2.0	21.0	24.3	27.5	797
2×25	1.4	3.6	1.4	2.2	25.0	28.3	31.5	1,182
3×1	0.8	1.4	-	-	8.6	10.1	11.5	114
3×1.5	0.8	1.6	-	-	9.6	11.1	12.5	160
3×2.5	0.9	1.8	-	-	11.5	13.0	14.5	231
3×4	1.0	1.9	-	-	13.0	14.5	16.0	325
3×6	1.0	2.1	-	-	14.5	17.3	20.0	421
3×10	1.2	3.3	-	-	20.0	22.8	25.5	704
3×16	1.2	3.5	1.4	2.1	22.5	26.0	29.5	980
3×25	1.4	3.8	1.5	2.3	26.5	30.3	34.0	146
3×35	1.4	4.1	1.6	2.5	29.5	33.8	38.0	1,953
3×50	1.6	4.5	1.8	2.7	34.5	39.3	44.0	2,672
3×70	1.6	4.8	1.9	2.9	39.0	44.3	49.5	3,585
3×95	1.8	5.3	2.1	3.2	44.0	49.0	54.0	4,682

450/750V Ethylene Propylene Rubber Insulated Cables | 고무절연 케이블

60245 KS IEC 66 450/750V 경질 클로로프렌 또는 합성 고무코드 시스 유연성 케이블 (계속)

450/750V Stiff chloroprene or equivalent synthetic rubber sheath flexible cable (continued)

선심 수 및 공칭 단면적	절연체 두께 기준값	시스 두께 기준값			완성품 바깥지름			케이블중량
		단층	2층		하한 값	평균 값	상한 값	
			내측층	외측층				
mm ²	mm ²	mm	mm	mm	mm	mm	mm	kg/km
4×1	0.8	1.5	-	-	9.6	11.1	12.5	139
4×1.5	0.8	1.7	-	-	10.5	12.0	13.5	196
4×2.5	0.9	1.9	-	-	12.5	14.0	15.5	285
4×4	1.0	2.0	-	-	14.5	16.3	18.0	404
4×6	1.0	2.3	-	-	16.5	19.3	22.0	525
4×10	1.2	3.4	-	-	21.5	24.8	28.0	879
4×16	1.2	3.6	1.4	2.2	24.5	28.3	32.0	1,229
4×25	1.4	4.1	1.6	2.5	29.5	33.5	37.5	1,716
4×35	1.4	4.4	1.7	2.7	33.0	37.5	42.0	2,405
4×50	1.6	4.8	1.9	2.9	38.0	43.3	48.5	3,379
4×70	1.6	5.2	2.0	3.2	43.0	48.8	54.5	4,544
4×95	1.8	5.9	2.3	3.6	49.0	54.8	60.5	5,935
4×120	1.8	6.0	2.4	3.6	53.0	59.3	65.5	7,147
4×150	2.0	6.5	2.6	3.9	58.5	66.3	74.0	8,985
5×1	0.8	1.6	-	-	10.5	12.0	13.5	170
5×1.5	0.8	1.8	-	-	11.5	13.3	15.0	239
5×2.5	0.9	2.0	-	-	13.5	15.3	17.0	349
5×4	1.0	2.2	-	-	16.0	17.8	19.5	495
5×6	1.0	2.5	-	-	18.0	21.3	24.5	644
5×10	1.2	3.6	-	-	24.0	27.3	30.5	1,079
5×16	1.2	3.9	1.5	2.4	27.0	31.3	35.5	1,511
5×25	1.4	4.4	1.7	2.7	32.5	37.0	41.5	

60245 KS IEC 58, 58f 300/500V 클로로프렌 또는 합성 고무코드 시스 장식전등기구용 케이블

300/500V Chloroprene or equivalent synthetic rubber sheath, decorative electrical light bulb appliance cable.

선심수 및 공칭 단면적	절연체 두께 기준값	도체 중심간 거리		시스 두께 기준값	완성품 바깥지름			케이블중량
		하한 값	상한 값		하한 값	평균 값	상한 값	
mm ²	mm ²	mm	mm	mm ²	mm	mm	mm	kg/km
1×0.75	0.8	-	-	0.8	-	-	5.4	41
1×1.5	0.8	-	-	0.8	-	-	6.2	50
2×1.5	0.8	6.7	7.0	0.8	5.0×13.0	5.5×13.5	6.0×14.0	92

Ethylene Propylene Rubber Insulated Cables | 고무절연 케이블

Dimensions of type H05RN-F

Number and nominal cross-sectional area of conductors mm ²	Thickness of insulation Specified value mm	Thickness of sheath Specified value mm	Mean overall diameter		케이블중량 kg/km
			Lower limit mm	Upper limit mm	
2×0.75	0.6	0.8	5.7	7.4	58
2×1	0.6	0.9	6.1	8.0	69
3×0.75	0.6	0.9	6.2	8.1	72
3×1	0.6	0.9	6.5	8.5	82

Dimensions of type H07RN-F

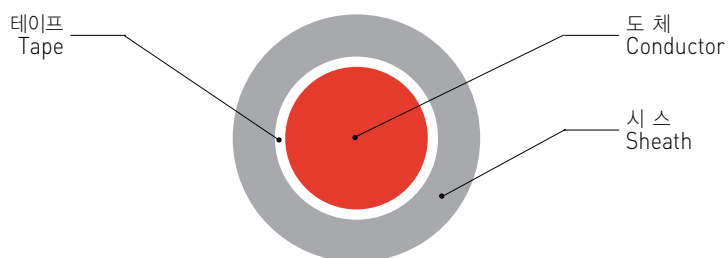
Number and nominal cross-sectional area of conductors	Thickness of insulation Specified value	Thickness of sheath Specified value			Mean overall diameter		케이블중량
		One layer	Two layers		Lower limit	Upper limit	
			Inner layer	Outer layer			
mm ²	mm	mm	mm	mm	mm	kg/km	
1×1.5	0.8	1.4	-	-	5.7	7.1	48
1×2.5	0.9	1.4	-	-	6.3	7.9	68
1×4	1.0	1.5	-	-	7.2	9.0	94
1×6	1.0	1.6	-	-	7.9	9.8	120
1×10	1.2	1.8	-	-	9.5	11.9	193
1×16	1.2	1.9	-	-	10.8	13.4	269
1×25	1.4	2.0	-	-	12.7	15.8	399
1×35	1.4	2.2	-	-	14.3	17.9	520
1×50	1.6	2.4	-	-	16.5	20.6	725
1×70	1.6	2.6	1.0	1.6	18.6	23.3	974
1×95	1.8	2.8	1.1	1.7	20.8	26.0	1,263
1×120	1.8	3.0	1.2	1.8	22.8	28.6	1,519
1×150	2.0	3.2	1.3	1.9	25.2	31.4	1,906
1×185	2.2	3.4	1.4	2.0	27.6	34.4	2,344
1×240	2.4	3.5	1.4	2.1	30.6	38.3	3,122
1×300	2.6	3.6	1.4	2.2	33.5	41.9	3,849
1×400	2.8	3.8	1.5	2.3	37.4	46.8	5,124
1×500	3.0	4.0	1.6	2.4	41.3	52	-
2×1	0.8	1.3	-	-	7.7	10.0	94
2×1.5	0.8	1.5	-	-	8.5	11.0	135
2×2.5	0.9	1.7	-	-	10.2	13.1	193
2×4	1.0	1.8	-	-	11.8	15.1	269
2×6	1.0	2.0	-	-	13.1	16.8	344
2×10	1.2	3.1	1.2	1.9	17.7	22.6	579
2×16	1.2	3.3	1.3	2.0	20.2	25.7	797
2×25	1.4	3.6	1.4	2.2	24.3	30.7	1,182

Ethylene Propylene Rubber Insulated Cables | 고무절연 케이블

Dimensions of type H07RN-F (계속)

Number and nominal cross-sectional area of conductors	Thickness of insulation Specified value	Thickness of sheath Specified value			Mean overall diameter		케이블중량
		One layer	Two layers		Lower limit	Upper limit	
			Inner layer	Outer layer			
mm²	mm	mm	mm	mm	mm	kg/km	
3×1	0.8	1.4	-	-	8.3	10.7	114
3×1.5	0.8	1.6	-	-	9.2	11.9	160
3×2.5	0.9	1.8	-	-	10.9	14.0	231
3×4	1.0	1.9	-	-	12.7	16.2	325
3×6	1.0	2.1	-	-	14.1	18.0	421
3×10	1.2	3.3	1.3	2.0	19.1	24.2	704
3×16	1.2	3.5	1.4	2.1	21.8	27.6	980
3×25	1.4	3.8	1.5	2.3	26.1	33.0	1,465
3×35	1.4	4.1	1.6	2.5	29.3	37.1	1,953
3×50	1.6	4.5	1.8	2.7	34.1	42.9	2,672
3×70	1.6	4.8	1.9	2.9	38.4	48.3	3,585
3×95	1.8	5.3	2.1	3.2	43.3	54	4,682
3×120	1.8	5.6	2.2	3.4	47.4	60	5,633
3×150	2.0	6.0	2.4	3.6	52	66	7,076
3×185	2.2	6.4	2.5	3.9	57	72	8,712
3×240	2.4	7.1	2.8	4.3	65	82	11,564
3×300	2.6	7.7	3.1	4.6	72	90	14,271
4×1	0.8	1.5	-	-	9.2	11.9	139
4×1.5	0.8	1.7	-	-	10.2	13.1	196
4×2.5	0.9	1.9	-	-	12.1	16.5	285
4×4	1.0	2.0	-	-	14.0	17.9	404
4×6	1.0	2.3	-	-	15.7	20.0	525
4×10	1.2	3.4	1.4	2.0	20.0	26.5	879
4×16	1.2	3.6	1.4	2.2	23.8	30.1	1,229
4×25	1.4	4.1	1.6	2.5	28.9	36.6	1,844
4×35	1.4	4.4	1.7	2.7	32.5	41.1	2,405
4×50	1.6	4.8	1.9	2.9	37.7	47.5	3,379
4×70	1.6	5.2	2.0	3.2	42.7	54	4,544
4×95	1.8	5.9	2.3	3.6	48.4	61	5,935
4×120	1.8	6.0	2.4	3.6	53	66	7,147
4×150	2.0	6.5	2.6	3.9	58	73	8,985
4×185	2.2	7.0	2.8	4.2	64	80	11,069
4×240	2.4	7.7	3.1	4.6	72	91	14,716
4×300	2.6	8.4	3.3	5.1	80	101	18,170

Lead Wire | 배선용 절연전선



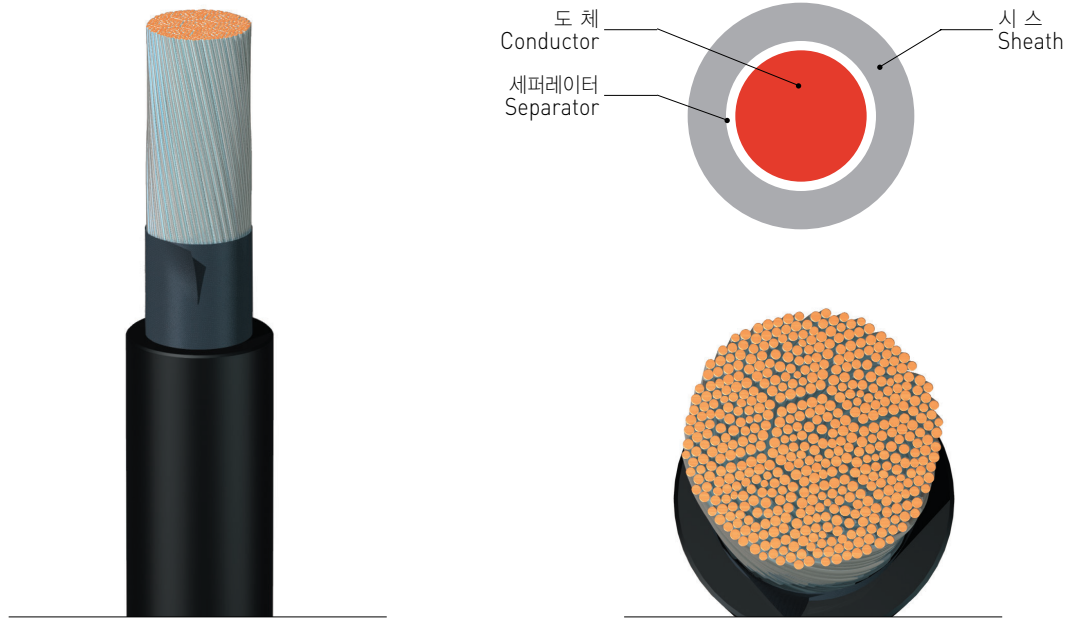
CR Lead Wire 클로로프렌 고무 절연 전선

선심수 No. of Core	도체 Conductor			절연두께 Thickness of Insulation	완성품외경 Approx. overall dia.	절연내력 Voltage Test A/C	도체저항 Conductor Resistance (20℃)	절연저항 Insulation resistance (20℃)	표준길이 Standard length	개산중량 Approx. Weight
	공칭단면적 Nominal Sectional Area	구 성 Construction	바깥지름 Outer Diameter (Approx.)							
	mm ²	Max./mm	mm	mm	mm	V/5min	Ω /km	MΩ /km	m	kg/km
1	0.75	0.21	1.1	1.1	3.4	1,500	25.8	6	200	13.0
	1.0	0.21	1.3	1.1	3.6	1,500	20.0	6		14.0
	1.5	0.26	1.6	1.1	3.8	1,500	13.7	6		15.6
	2.5	0.26	2.1	1.1	4.3	1,500	8.21	6		18.1
	4.0	0.31	2.6	1.1	4.8	1,500	5.09	6		21.3
	6.0	0.31	3.2	1.1	5.4	1,500	3.39	5		24.5
	10	0.41	4.2	1.1	6.4	2,000	1.95	5		30.1
	16	0.41	5.9	1.4	8.7	2,000	1.24	5		52.3
	25	0.41	7.4	1.4	10.2	2,000	0.795	4		62.4
	30	0.51	8.1	1.4	10.9	2,000	0.661	4		67.6

Cable for the Vehicles | 차량용 케이블

차량용 케이블은 철도 차량용 전기기기의 접속, 인출선, 차체배선 또는 점퍼선으로 사용

Cable for the vehicles is used for the purpose of a junction, withdraw, wiring itself and jumper wire in the electrical equipment of railroad vehicles.



Cable for the Vehicles 차량용 가교 폴리에틸렌전선

Cross linked polyethylene cable for railroad vehicles

도체 Conductor			600V WL 1						1500V WL 2						도체저항 Conductor Resistance (20℃) (Max.)	케이블중량 Weight	
공칭단면적 Nominal Cross- Sectional area	구 성 Composition	바깥지름 Outer Diameter (Approx.)	절연두께 Thick- ness of Insula- tion	완성외경 Overall Diameter (Approx.)		절연저항 Insulation Resistance (20℃) (Min.)	표면누설저항 Surface Leakage Resistance	시험전압 Test Voltage	절연두께 Thick- ness of Insula- tion	완성외경 Overall Diameter (Approx.)		절연저항 Insulation Resistance (20℃) (Min.)	표면누설저항 Surface Leakage Resistance	시험전압 Test Voltage		WL1	WL2
				(Nom.)	(Max.)					(Nom.)	(Max.)						
mm²	Max./mm	mm	mm	mm	mm	MΩ · km	MΩ	V/1min.	mm	mm	mm	MΩ · km	MΩ	V1min.	Ω /km	kg/km	kg/km
200	37/34/0.45	21.2	2.5	26.5	28.5	20	50	3.0	3.0	28.0	28.5	20	50	5.4	0.0993	2,201	2,272
150	27/34/0.45	18.7	2.3	23.6	24.0	20	60	3.0	2.5	24.0	24.9	20	60	5.4	0.136	1,633	1,658
125	19/42/0.45	16.9	2.3	21.8	22.2	20	60	3.0	2.5	23.0	23.1	20	60	5.4	0.16	1,431	1,454
100	19/34/0.45	15.2	2.3	19.9	20.3	20	70	3.0	2.5	20.3	21.4	25	70	5.4	0.193	1,182	1,203
80	19/27/0.45	13.5	1.8	17.2	17.6	20	70	2.5	2.5	18.6	19.6	25	70	5.4	0.243	915	982
60	19/20/0.45	11.6	1.8	15.4	15.6	20	80	2.5	2.5	16.8	17.6	30	80	5.4	0.329	698	757
50	19/16/0.45	10.4	1.8	14.1	14.4	20	90	2.5	2.5	15.5	16.4	30	90	5.4	0.411	572	627
38	7/34/0.45	9.1	1.4	12.0	12.4	20	100	2.2	2.0	13.2	14.1	30	90	5.4	0.525	435	475
30	7/27/0.45	8.1	1.4	11.0	11.4	20	100	2.2	2.0	12.3	13.0	35	90	5.4	0.661	354	391
22	7/20/0.45	7.0	1.4	9.9	10.3	25	100	2.2	2.0	11.1	11.9	45	100	5.4	0.892	272	306
14	88/0.45	4.9	1.1	7.2	7.6	30	100	2.2	2.0	9.0	9.7	50	100	5.4	1.390	167	206
8	50/0.45	3.7	1.1	6.0	6.4	35	200	2.2	2.0	7.8	8.4	60	100	5.4	2.45	103	136
5.5	37/0.45	3.1	1.1	5.4	5.8	40	200	2.2	2.0	7.2	7.8	65	200	5.4	3.5	80	111
3.5	45/0.32	2.5	1.1	4.8	5.2	45	200	2.2	2.0	6.6	7.2	75	200	5.4	5.38	56	83
2.0	37/0.26	1.8	1.1	4.2	4.4	60	200	2.2	2.0	6.0	6.5	95	200	5.4	9.91	36	60
1.25	50/0.18	1.5	1.1	3.8	4.1	70	200	2.2	2.0	5.6	6.1	100	200	5.4	15.5	28	51
0.75	30/0.18	1.2	1.1	3.5	3.8	80	300	2.2	2.0	5.3	5.8	120	200	5.4	25.8	21	43

Flame Retardant Poly Flex Insulated Wire (MLFC) | 차량용 가교 폴리에틸렌전선



- 용 도
 - 배전반, 제어반 등의 내부전선
 - 모터의 구출선
 - 차량의 전기배선(JRS규격 WL-1)으로써 사용
 - 도체최고 허용온도

- 구 조
 - 도체(주석도금 연동선)
 - 세퍼레이터
 - 절연체

- 절연체의 색상
 - 흑색

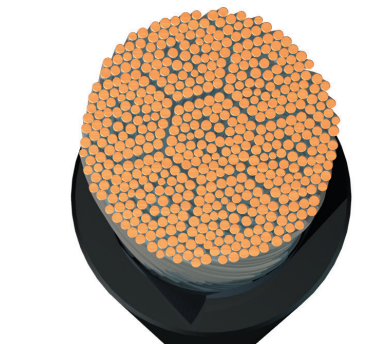
- 특 징
 - 내열성, 난연성, 굴곡성 우수, 단말처리용이

- TYPICAL USES
 - Inner distribution wire of control pannel
 - Outlet wire of motor
 - Electric distribution wire of vehicle (JRS, SPEC, WL1)

- CONSTRUCTION
 - CONDUCTOR (Tinned, Annealed Copper Wire)
 - Separator
 - Insulation

- AVAILABLE COLOURS
 - Black

- SPECIALITIES
 - Excellent in Heat-Resistance, Flame-Retardant, bending, Stripring



Cable for the Vehicles | 차량용 케이블

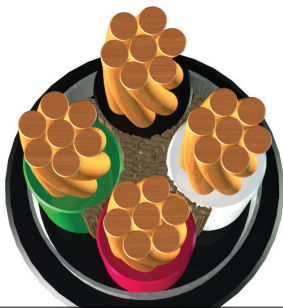
3300V Flame-retardant Polyflex Insulated Wire (3300V MLFC) 난연성 폴리플렉스 전선

도체 Conductor			절연두께 Thickness of Insulation	완성외경 Overall Diameter		도체저항 Conductor Resistance (0℃)	시험전압 Test Voltage	절연저항 Insulation Resistance (20℃)	Surface Leakage Resistance	참고 Reference		개산중량 Approx. Weight of Lire
공칭단면적 Nominal Cross- Sectional area	구 성 Composition	바깥지름 Outer Diameter (Approx.)		Min. 최소	Max. 최대					표준길이 Standard Length	포장방법 Packing method	
mm ²	Max./mm	mm	mm	mm	mm	Ω /km	v/5min	MΩ/km	kohm	kg/km ²		kg/km ²
250	37/42/0.45	23.6	3.5	29.3	32.3	0.0760	8,000	20	50	300	Reel	2,650
200	37/34/0.45	21.2	3.5	27.0	29.8	0.0939	8,000	30	50	300	Reel	2,200
150	27/34/0.45	18.7	3.0	23.7	26.1	0.129	8,000	30	60	300	Reel	1,650
125	19/42/0.45	16.8	3.0	21.9	24.3	0.148	8,000	30	60	300	Reel	1,450
100	19/34/0.45	15.2	3.0	20.3	22.5	0.183	8,000	30	70	300	Reel	1,200
80	19/27/0.45	13.5	3.0	18.7	20.7	0.230	8,000	30	80	300	Reel	960
60	19/20/0.45	11.6	3.0	16.9	18.7	0.311	8,000	40	90	300	Reel	740
50	19/16/0.45	10.4	3.0	15.7	17.4	0.389	8,000	40	90	300	Reel	600
38	7/34/0.45	9.1	2.5	13.5	15.0	0.496	8,000	40	100	100	Coil	480
30	7/27/0.45	8.1	2.5	12.5	14.0	0.625	8,000	40	100	100	Coil	400
22	7/20/0.45	7.0	2.5	11.4	12.8	0.844	8,000	50	100	100	Coil	310
14	88/0.45	4.9	2.5	9.3	10.5	1.32	8,000	60	100	200	Coil	200
8	50/0.45	3.7	2.5	8.2	9.3	2.32	8,000	70	100	200	Coil	130
5.5	35/0.45	3.1	2.5	7.6	8.7	3.31	8,000	80	100	200	Coil	110
3.5	45/0.32	2.5	2.5	7.0	8.1	5.38	8,000	90	200	400	Coil	80
2	37/0.26	1.8	2.5	6.3	7.4	9.91	8,000	110	200	400	Coil	60

6600V Flame-retardant Polyflex Insulated Wire (6600V MLFC) 난연성 폴리플렉스 전선

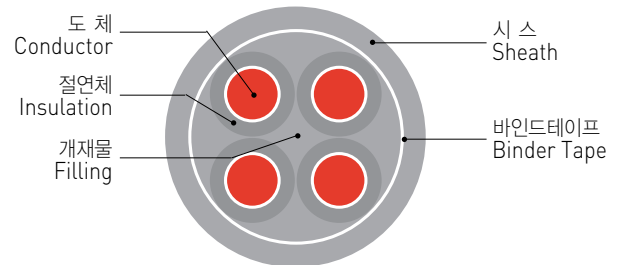
도체 Conductor			절연두께 Thickness of Insulation	완성외경 Overall Diameter		도체저항 Conductor Resistance (0℃)	시험전압 Test Voltage	절연저항 Insulation Resistance (20℃)	Surface Leakage Resistance	참고 Reference		개산중량 Approx. Weight of Lire
공칭단면적 Nominal Cross- Sectional area	구 성 Composition	바깥지름 Outer Diameter (Approx.)		Min. 최소	Max. 최대					표준길이 Standard Length	포장방법 Packing method	
mm ²	Max./mm	mm	mm	mm	mm	Ω /km	v/5min	MΩ/km	kohm	kg/km ²	m	kg/km ²
250	37/42/0.45	23.6	4.5	31.0	34.2	0.0760	18,000	30	50	300	Reel	2,750
200	37/34/0.45	21.2	4.5	28.7	31.7	0.0939	18,000	30	50	300	Reel	2,300
150	27/34/0.45	18.7	4.0	25.4	28.0	0.129	18,000	30	60	300	Reel	1,700
125	19/42/0.45	16.8	4.0	23.7	26.1	0.148	18,000	30	60	300	Reel	1,500
100	19/34/0.45	15.2	4.0	22.0	24.4	0.183	18,000	40	60	300	Reel	1,250
80	19/27/0.45	13.5	4.0	20.4	22.6	0.230	18,000	40	70	300	Reel	1,050
60	19/20/0.45	11.6	4.0	18.5	20.6	0.311	18,000	50	80	300	Reel	790
50	19/16/0.45	10.4	4.0	17.5	19.3	0.389	18,000	50	80	300	Reel	660
38	7/34/0.45	9.1	4.0	16.2	18.0	0.496	18,000	50	90	300	Reel	560
30	7/27/0.45	8.1	4.0	15.2	16.9	0.625	18,000	60	90	100	Coil	470
22	7/20/0.45	7.0	4.0	14.2	15.8	0.844	18,000	60	100	100	Coil	380
14	88/0.45	4.9	4.0	12.1	13.5	1.32	18,000	80	100	100	Coil	270
8	50/0.45	3.7	4.0	11.0	12.3	2.32	18,000	100	100	200	Coil	190
5.5	35/0.45	3.1	4.0	10.4	11.7	3.31	18,000	110	100	200	Coil	160
3.5	45/0.32	2.5	4.0	9.8	11.2	5.38	18,000	120	100	200	Coil	130

Tray Flame Retardant Crosslinked Polyethylene Insulated Power Cable | 트레이용 난연 전력 케이블



난연 특성이 매우 우수하여 트레이에 노출배선이 가능하고 별도의 방재처리를 할 필요가 없으며 추가적인 공사비, 인건비 및 재료비가 없어 경제적인 송배전용 전력 및 제어케이블로 화재시 2차 재해를 최소화 할 수 있음

Tray Flame Retardant Cable has outstanding characteristics against flame so that it can be used upon open wiring without additional treatment for disaster prevention facilities. No other expenses on installation, labouring makes power supply and distribution economical. It also minimize potential secondary damage in fire.



TFR-CV

Standard : IEC 60502-1
IEC60332-3

선심수 Number of Cores	도체 Conductor			절연두께 Thickness of Insulation	시스두께 Thickness of Sheath	시스외경 Sheath Overall Diameter	도체저항 Conductor Resistance (20℃) (Max.)	시험전압 Test Voltage	참고	
	공칭단면적 Nominal Cross Sectional Area	구 성 No. of dia.	바깥지름 Outer Diameter						케이블 중량 Weight	표준길이 Length
core	mm ²	mm	mm	mm	mm	mm	Ω /km	V/5min.	kg/km	m
1	1.5	7/0.53	1.59	0.7	1.4	6.3	12.1	3,500	53	300
	2.5	7/0.67	2.01	0.7	1.4	6.7	7.41	3,500	65	300
	4	7/0.85	2.55	0.7	1.4	7.2	4.61	3,500	81	300
	6	7/1.04	3.12	0.7	1.4	7.8	3.08	3,500	108	300
	10	7/1.35	4.05	0.7	1.4	9.4	1.83	3,500	155	300
	16	원형압축	4.7	0.7	1.4	10.0	1.15	3,500	210	300
	25	원형압축	5.9	0.9	1.4	12.0	0.727	3,500	315	300
	35	원형압축	6.9	0.9	1.4	13.0	0.524	3,500	414	300
	50	원형압축	8.1	1.0	1.4	14.5	0.387	3,500	542	300
	70	원형압축	9.8	1.1	1.4	16.0	0.268	3,500	761	300
	95	원형압축	11.4	1.1	1.5	18.5	0.193	3,500	1,026	300
	120	원형압축	12.9	1.2	1.5	20.0	0.153	3,500	1,279	300
	150	원형압축	14.4	1.4	1.6	22.0	0.124	3,500	1,524	300
	185	원형압축	15.9	1.6	1.6	24.0	0.0991	3,500	1,872	200
	240	원형압축	18.3	1.7	1.7	27.0	0.0754	3,500	2,391	200
	300	원형압축	20.5	1.8	1.8	30.0	0.0601	3,500	3,023	200
	400	원형압축	23.2	2.0	1.9	34.0	0.0470	3,500	3,975	150
	500	원형압축	26.4	2.2	2.0	37.0	0.0366	3,500	4,894	150
	630	원형압축	30.2	2.4	2.2	42.0	0.0283	3,500	6,283	150

Tray Flame Retardant Crosslinked Polyethylene Insulated Power Cable

트레이용 난연 전력 케이블

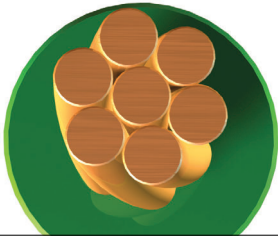
TFR-CV

Standard : IEC 60502-1
IEC60332-3

선심수 Number of Cores	도체 Conductor			절연두께 Thickness of Insulation	시스두께 Thickness of Sheath	시스외경 Sheath Overall Diameter	도체저항 Conductor Resistance (20℃) (Max.)	시험전압 Test Voltage	참고	
	공칭단면적 Nominal Cross Sectional Area	구 성 No. of dia.	바깥지름 Outer Diameter						케이블 중량 Weight	표준길이 Length
core	mm ²	mm	mm	mm	mm	mm	Ω /km	V/5min.	kg/km	m
2	1.5	7/0.53	1.59	0.7	1.8	11.0	12.1	3,500	127	300
	2.5	7/0.67	2.01	0.7	1.8	12.0	7.41	3,500	153	300
	4	7/0.85	2.55	0.7	1.8	13.0	4.61	3,500	197	300
	6	7/1.04	3.12	0.7	1.8	14.0	3.08	3,500	252	300
	10	7/1.35	4.05	0.7	1.8	17.0	1.83	3,500	357	300
	16	원형압축	4.7	0.7	1.8	18.5	1.15	3,500	487	300
	25	원형압축	5.9	0.9	1.8	22.0	0.727	3,500	720	300
	35	원형압축	6.9	0.9	1.8	24.0	0.524	3,500	943	300
	50	원형압축	8.1	1.0	1.8	27.0	0.387	3,500	1,229	300
	70	원형압축	9.8	1.1	1.8	31.0	0.268	3,500	1,702	300
	95	원형압축	11.4	1.1	1.9	35.0	0.193	3,500	2,285	300
	120	원형압축	12.9	1.2	2	38.0	0.153	3,500	2,590	300
	150	원형압축	14.4	1.4	2.2	43.0	0.124	3,500	3,475	300
	185	원형압축	15.9	1.6	2.3	47.0	0.0991	3,500	4,282	200
	240	원형압축	18.3	1.7	2.5	53.0	0.0754	3,500	5,469	200
	300	원형압축	20.5	1.8	2.6	58.0	0.0601	3,500	6,876	200
3	1.5	7/0.53	1.59	0.7	1.8	11.5	12.1	3,500	148	300
	2.5	7/0.67	2.01	0.7	1.8	12.5	7.41	3,500	189	300
	4	7/0.85	2.55	0.7	1.8	13.5	4.61	3,500	245	300
	6	7/1.04	3.12	0.7	1.8	14.5	3.08	3,500	321	300
	10	7/1.35	4.05	0.7	1.8	18.0	1.83	3,500	464	300
	16	원형압축	4.7	0.7	1.8	19.5	1.15	3,500	649	300
	25	원형압축	5.9	0.9	1.8	23.0	0.727	3,500	975	300
	35	원형압축	6.9	0.9	1.8	25.0	0.524	3,500	1,287	300
	50	원형압축	8.1	1.0	1.8	29.0	0.387	3,500	1,693	300
	70	원형압축	9.8	1.1	1.9	33.0	0.268	3,500	2,383	300
	95	원형압축	11.4	1.1	2.0	37.0	0.193	3,500	3,224	300
	120	원형압축	12.9	1.2	2.1	41.0	0.153	3,500	4,036	300
	150	원형압축	14.4	1.4	2.3	46.0	0.124	3,500	4,840	300
	185	원형압축	15.9	1.6	2.4	50.0	0.0991	3,500	5,975	200
	240	원형압축	18.3	1.7	2.6	57.0	0.0754	3,500	7,641	200
	300	원형압축	20.5	1.8	2.7	62.0	0.0601	3,500	9,638	200
4	1.5	7/0.53	1.59	0.7	1.8	12.5	12.1	3,500	179	300
	2.5	7/0.67	2.01	0.7	1.8	13.5	7.41	3,500	226	300
	4	7/0.85	2.55	0.7	1.8	14.5	4.61	3,500	305	300
	6	7/1.04	3.12	0.7	1.8	16.0	3.08	3,500	397	300
	10	7/1.35	4.05	0.7	1.8	20.0	1.83	3,500	585	300
	16	원형압축	4.7	0.7	1.8	22.0	1.15	3,500	816	300
	25	원형압축	5.9	0.9	1.8	26.0	0.727	3,500	1,242	300
	35	원형압축	6.9	0.9	1.8	28.0	0.524	3,500	1,661	300
	50	원형압축	8.1	1.0	1.9	32.0	0.387	3,500	2,215	300
	70	원형압축	9.8	1.1	2.0	36.0	0.268	3,500	3,110	300
	95	원형압축	11.4	1.1	2.1	42.0	0.193	3,500	4,207	300
	120	원형압축	12.9	1.2	2.3	46.0	0.153	3,500	5,307	300
	150	원형압축	14.4	1.4	2.4	51.0	0.124	3,500	6,327	300
	185	원형압축	15.9	1.6	2.6	56.0	0.0991	3,500	7,846	200
	240	원형압축	18.3	1.7	2.8	63.0	0.0754	3,500	10,038	200
	300	원형압축	20.5	1.8	3.0	70.0	0.0601	3,500	12,609	200

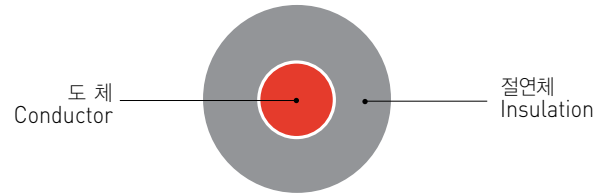
Tray Flame Retardant PVC Insulated Wire for Grounding Use

트레이용 접지용 비닐절연전선



난연 특성이 매우 우수하여 트레이에 노출배선이 가능하고 별도의 방재처리를 할 필요가 없으며 추가적인 공사비, 인건비 및 재료비가 없어 경제적인 송배전용 전력 및 제어케이블로 화재시 2차 재해를 최소화 할 수 있음

Tray Flame Retardant Cable has outstanding characteristics against flame so that it can be used upon open wiring without additional treatment for disaster prevention facilities. No other expenses on installation, labouring makes power supply and distribution economical. It also minimize potential secondary damage in fire.



0.6/1KV TFR-GV

전기용품 안전기준

도체 Conductor			절연두께 Thickness of Insulation	시스외경 Sheath Overall Diameter	도체저항 Conductor Resistance (20℃) (Max.)	시험전압 Test Voltage	참고	
공칭단면적 Nominal Cross-Sectional Area	구 성 No. of dia.	바깥지름 Outer Diameter					케이블 중량 Weight	표준길이 Length
mm ²	mm	mm	mm	mm	Ω /km	V/5min.	kg/km	m
2.5	7/0.67	2.01	2.2	7.0	7.41	3,500	69	300(다발)
4	7/0.85	2.55	2.4	8.0	4.61	3,500	96	300(다발)
6	7/1.04	3.12	2.4	8.5	3.08	3,500	121	300(다발)
10	7/1.35	4.05	2.4	9.5	1.83	3,500	169	300
16	원형압축	4.7	2.4	10.0	1.15	3,500	227	300
25	원형압축	5.9	2.6	12.0	0.727	3,500	336	300
35	원형압축	6.9	2.6	13.0	0.524	3,500	438	300
50	원형압축	8.1	2.8	14.5	0.387	3,500	579	300
70	원형압축	9.8	2.8	16.0	0.268	3,500	793	300
95	원형압축	11.4	3.1	18.5	0.193	3,500	1,080	300
120	원형압축	12.9	3.1	20.0	0.153	3,500	1,332	300
150	원형압축	14.4	3.4	22.0	0.124	3,500	1,588	300
185	원형압축	15.9	3.7	25.0	0.0991	3,500	1,960	200
240	원형압축	18.3	4.0	28.0	0.0754	3,500	2,505	200
300	원형압축	20.5	4.3	30.0	0.0601	3,500	3,169	200

주)개산무개는 약간의 차이가 있을 수 있습니다.

Halogen Free Flame Retardant Polyolefin Control & Signal Cable for Fire Service

트레이용 비닐절연 비닐시스 난연성 제어용 케이블

0.6/1KV TFR-CVV

선심수 Number of Cores	도체 Conductor			절연두께 Thickness of Insulation	시스두께 Thickness of Sheath	시스외경 Sheath Overall Diameter	도체저항 Conductor Resistance (20℃)(Max.)	시험전압 Test Voltage	참고	
	공칭단면적 Nominal Area	구성 No. of dia.	바깥지름 Outer Diameter						케이블 중량 Weight	표준길이 Length
core	mm ²	mm	mm	mm	mm	mm	Ω /km	V/5min.	kg/km	m
2	1.5	7/0.53	1.59	0.8	1.8	11.0	12.1	3,500	133	300
	2.5	7/0.67	2.01	0.8	1.8	12.0	7.41	3,500	163	300
	4	7/0.85	2.55	1	1.8	14.0	4.61	3,500	228	300
	6	7/1.04	3.12	1	1.8	15.0	3.08	3,500	284	300
3	1.5	7/0.53	1.59	0.8	1.8	11.5	12.1	3,500	160	300
	2.5	7/0.67	2.01	0.8	1.8	12.5	7.41	3,500	203	300
	4	7/0.85	2.55	1	1.8	14.5	4.61	3,500	287	300
	6	7/1.04	3.12	1	1.8	16.0	3.08	3,500	362	300
4	1.5	7/0.53	1.59	0.8	1.8	12.5	12.1	3,500	192	300
	2.5	7/0.67	2.01	0.8	1.8	13.5	7.41	3,500	244	300
	4	7/0.85	2.55	1	1.8	16.0	4.61	3,500	352	300
	6	7/1.04	3.12	1	1.8	17.0	3.08	3,500	451	300
5	1.5	7/0.53	1.59	0.8	1.8	13.5	12.1	3,500	229	300
	2.5	7/0.67	2.01	0.8	1.8	14.5	7.41	3,500	290	300
	4	7/0.85	2.55	1	1.8	17.0	4.61	3,500	418	300
	6	7/1.04	3.12	1	1.8	18.5	3.08	3,500	546	300
6	1.5	7/0.53	1.59	0.8	1.8	14.5	12.1	3,500	265	300
	2.5	7/0.67	2.01	0.8	1.8	15.5	7.41	3,500	338	300
	4	7/0.85	2.55	1	1.8	18.5	4.61	3,500	492	300
	6	7/1.04	3.12	1	1.8	21.0	3.08	3,500	646	300
7	1.5	7/0.53	1.59	0.8	1.8	14.5	12.1	3,500	280	300
	2.5	7/0.67	2.01	0.8	1.8	15.5	7.41	3,500	365	300
	4	7/0.85	2.55	1	1.8	18.5	4.61	3,500	536	300
	6	7/1.04	3.12	1	1.8	21.0	3.08	3,500	708	300
8	1.5	7/0.53	1.59	0.8	1.8	15.5	12.1	3,500	309	300
	2.5	7/0.67	2.01	0.8	1.8	16.5	7.41	3,500	417	300
	4	7/0.85	2.55	1	1.8	20.0	4.61	3,500	613	300
	6	7/1.04	1.59	1	1.8	22.0	3.08	3,500	801	300
10	1.5	7/0.53	1.59	0.8	1.8	18.0	12.1	3,500	393	300
	2.5	7/0.67	2.01	0.8	1.8	19.5	7.41	3,500	512	300
	4	7/0.85	2.55	1	1.8	23.0	4.61	3,500	770	300
	6	7/1.04	3.12	1	1.8	26.0	3.08	3,500	1,005	300
12	1.5	7/0.53	1.59	0.8	1.8	18.5	12.1	3,500	445	300
	2.5	7/0.67	2.01	0.8	1.8	20.0	7.41	3,500	587	300
	4	7/0.85	2.55	1	1.8	24.0	4.61	3,500	873	300
	6	7/1.04	3.12	1	1.8	27.0	3.08	3,500	1,161	300
15	1.5	7/0.53	1.59	0.8	1.8	19.5	12.1	3,500	516	300
	2.5	7/0.67	2.01	0.8	1.8	22.0	7.41	3,500	685	300
	4	7/0.85	2.55	1	1.8	26.0	4.61	3,500	1,409	300
	6	7/1.04	3.12	1	1.8	29.0	3.08	3,500	1,606	300
20	1.5	7/0.53	1.59	0.8	1.8	22.0	12.1	3,500	656	300
	2.5	7/0.67	2.01	0.8	1.8	24.0	7.41	3,500	866	300
	4	7/0.85	2.55	1	1.8	29.0	4.61	3,500	1,360	300
	6	7/1.04	3.12	1	1.8	32.0	3.08	3,500	1,821	300
30	1.5	7/0.53	1.59	0.8	1.8	26.0	12.1	3,500	926	300
	2.5	7/0.67	2.01	0.8	1.8	28.0	7.41	3,500	1,253	300
	4	7/0.85	2.55	1	1.9	35.0	4.61	3,500	1,949	300

주) 1. 개산무게는 약간의 차이가 있을 수 있습니다. 2. CVV, TFR-CVV의 구조는 동일합니다.

Halogen Free Flame Retardant Polyolefin Control & Signal Cable for Fire Service

트레이용 비닐절연 비닐시스 동테이프 차폐 난연성 제어용 케이블

0.6/1KV TFR-CVV-S

선심수 Number of Cores	도체 Conductor			절연두께 Thickness of Insulation	시스두께 Thickness of Sheath	시스외경 Sheath Overall Diameter	도체저항 Conductor Resistance (20℃)(Max.)	시험전압 Test Voltage	참고	
	공칭단면적 Nominal Area	구성 No. of dia.	바깥지름 Outer Diameter						케이블 중량 Weight	표준길이 Length
core	mm ²	mm	mm	mm	mm	mm	Ω /km	V/5min.	kg/km	m
2	1.5	7/0.53	1.59	0.8	1.8	11.5	12.1	3,500	154	300
	2.5	7/0.67	2.01	0.8	1.8	12.5	7.41	3,500	186	300
	4	7/0.85	2.55	1	1.8	14.5	4.61	3,500	257	300
	6	7/1.04	3.12	1	1.8	15.5	3.08	3,500	315	300
3	1.5	7/0.53	1.59	0.8	1.8	12.0	12.1	3,500	182	300
	2.5	7/0.67	2.01	0.8	1.8	13.0	7.41	3,500	227	300
	4	7/0.85	2.55	1	1.8	15.0	4.61	3,500	317	300
	6	7/1.04	3.12	1	1.8	16.5	3.08	3,500	395	300
4	1.5	7/0.53	1.59	0.8	1.8	13.0	12.1	3,500	216	300
	2.5	7/0.67	2.01	0.8	1.8	14.5	7.41	3,500	271	300
	4	7/0.85	2.55	1	1.8	16.5	4.61	3,500	386	300
	6	7/1.04	3.12	1	1.8	17.5	3.08	3,500	488	300
5	1.5	7/0.53	1.59	0.8	1.8	14.0	12.1	3,500	256	300
	2.5	7/0.67	2.01	0.8	1.8	15.0	7.41	3,500	319	300
	4	7/0.85	2.55	1	1.8	17.5	4.61	3,500	454	300
	6	7/1.04	3.12	1	1.8	19.0	3.08	3,500	556	300
6	1.5	7/0.53	1.59	0.8	1.8	15.0	12.1	3,500	294	300
	2.5	7/0.67	2.01	0.8	1.8	16.0	7.41	3,500	370	300
	4	7/0.85	2.55	1	1.8	19.0	4.61	3,500	532	300
	6	7/1.04	3.12	1	1.8	22.0	3.08	3,500	691	300
7	1.5	7/0.53	1.59	0.8	1.8	15.0	12.1	3,500	309	300
	2.5	7/0.67	2.01	0.8	1.8	16.0	7.41	3,500	398	300
	4	7/0.85	2.55	1	1.8	19.0	4.61	3,500	576	300
	6	7/1.04	3.12	1	1.8	22.0	3.08	3,500	752	300
8	1.5	7/0.53	1.59	0.8	1.8	16.0	12.1	3,500	341	300
	2.5	7/0.67	2.01	0.8	1.8	17.0	7.41	3,500	452	300
	4	7/0.85	2.55	1	1.8	21.0	4.61	3,500	657	300
	6	7/1.04	1.59	1	1.8	23.0	3.08	3,500	849	300
10	1.5	7/0.53	1.59	0.8	1.8	18.5	12.1	3,500	431	300
	2.5	7/0.67	2.01	0.8	1.8	20.0	7.41	3,500	554	300
	4	7/0.85	2.55	1	1.8	24.0	4.61	3,500	822	300
	6	7/1.04	3.12	1	1.8	27.0	3.08	3,500	1,063	300
12	1.5	7/0.53	1.59	0.8	1.8	19.0	12.1	3,500	484	300
	2.5	7/0.67	2.01	0.8	1.8	21.0	7.41	3,500	630	300
	4	7/0.85	2.55	1	1.8	25.0	4.61	3,500	927	300
	6	7/1.04	3.12	1	1.8	27.0	3.08	3,500	1,207	300
15	1.5	7/0.53	1.59	0.8	1.8	20.0	12.1	3,500	558	300
	2.5	7/0.67	2.01	0.8	1.8	21.0	7.41	3,500	732	300
	4	7/0.85	2.55	1	1.8	27.0	4.61	3,500	1,120	300
	6	7/1.04	3.12	1	1.8	29.0	3.08	3,500	1,460	300
20	1.5	7/0.53	1.59	0.8	1.8	23.0	12.1	3,500	703	300
	2.5	7/0.67	2.01	0.8	1.8	25.0	7.41	3,500	930	300
	4	7/0.85	2.55	1	1.8	30.0	4.61	3,500	1,439	300
	6	7/1.04	3.12	1	1.8	33.0	3.08	3,500	1,876	300
30	1.5	7/0.53	1.59	0.8	1.8	27.0	12.1	3,500	983	300
	2.5	7/0.67	2.01	0.8	1.8	29.0	7.41	3,500	1,331	300
	4	7/0.85	2.55	1	1.8	35.0	4.61	3,500	1,992	300

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Halogen Free Flame Retardant Polyolefin Control & Signal Cable for Fire Service

트레이용 비닐절연 비닐시스 동선편조 차폐 난연성 제어용 케이블

0.6/1KV TFR-CVV-SB

선심수 Number of Cores	도체 Conductor			절연두께 Thickness of Insulation	시스두께 Thickness of Sheath	시스외경 Sheath Overall Diameter	도체저항 Conductor Resistance (20℃)(Max.)	시험전압 Test Voltage	참고	
	공칭단면적 Nominal Area	구성 No. of dia.	바깥지름 Outer Diameter						케이블 중량 Weight	표준길이 Length
core	mm ²	mm	mm	mm	mm	mm	Ω /km	V/5min.	kg/km	m
2	1.5	7/0.53	1.59	0.8	1.8	12.0	12.1	3,500	162	300
	2.5	7/0.67	2.01	0.8	1.8	13.0	7.41	3,500	196	300
	4	7/0.85	2.55	1	1.8	15.0	4.61	3,500	262	300
	6	7/1.04	3.12	1	1.8	16.0	3.08	3,500	333	300
3	1.5	7/0.53	1.59	0.8	1.8	12.5	12.1	3,500	190	300
	2.5	7/0.67	2.01	0.8	1.8	13.5	7.41	3,500	237	300
	4	7/0.85	2.55	1	1.8	15.5	4.61	3,500	327	300
	6	7/1.04	3.12	1	1.8	17.0	3.08	3,500	414	300
4	1.5	7/0.53	1.59	0.8	1.8	13.5	12.1	3,500	225	300
	2.5	7/0.67	2.01	0.8	1.8	14.5	7.41	3,500	277	300
	4	7/0.85	2.55	1	1.8	17.0	4.61	3,500	405	300
	6	7/1.04	3.12	1	1.8	18.0	3.08	3,500	508	300
5	1.5	7/0.53	1.59	0.8	1.8	14.5	12.1	3,500	263	300
	2.5	7/0.67	2.01	0.8	1.8	15.5	7.41	3,500	336	300
	4	7/0.85	2.55	1	1.8	18.0	4.61	3,500	474	300
	6	7/1.04	3.12	1	1.8	19.5	3.08	3,500	608	300
6	1.5	7/0.53	1.59	0.8	1.8	15.5	12.1	3,500	308	300
	2.5	7/0.67	2.01	0.8	1.8	16.5	7.41	3,500	389	300
	4	7/0.85	2.55	1	1.8	19.5	4.61	3,500	554	300
	6	7/1.04	3.12	1	1.8	22.0	3.08	3,500	715	300
7	1.5	7/0.53	1.59	0.8	1.8	15.5	12.1	3,500	326	300
	2.5	7/0.67	2.01	0.8	1.8	16.5	7.41	3,500	422	300
	4	7/0.85	2.55	1	1.8	19.5	4.61	3,500	598	300
	6	7/1.04	3.12	1	1.8	22.0	3.08	3,500	776	300
8	1.5	7/0.53	1.59	0.8	1.8	16.5	12.1	3,500	358	300
	2.5	7/0.67	2.01	0.8	1.8	17.5	7.41	3,500	471	300
	4	7/0.85	2.55	1	1.8	21.0	4.61	3,500	680	300
10	1.5	7/0.53	1.59	0.8	1.8	19.0	12.1	3,500	431	300
	2.5	7/0.67	2.01	0.8	1.8	20.5	7.41	3,500	577	300
	4	7/0.85	2.55	1	1.8	24.0	4.61	3,500	870	300
12	1.5	7/0.53	1.59	0.8	1.8	19.5	12.1	3,500	497	300
	2.5	7/0.67	2.01	0.8	1.8	21.0	7.41	3,500	653	300
	4	7/0.85	2.55	1	1.8	25.0	4.61	3,500	977	300
15	1.5	7/0.53	1.59	0.8	1.8	20.5	12.1	3,500	573	300
	2.5	7/0.67	2.01	0.8	1.8	23.0	7.41	3,500	772	300
	4	7/0.85	2.55	1	1.8	27.0	4.61	3,500	1,174	300
20	1.5	7/0.53	1.59	0.8	1.8	23.0	12.1	3,500	724	300
	2.5	7/0.67	2.01	0.8	1.8	25.0	7.41	3,500	978	300
	4	7/0.85	2.55	1	1.8	30.0	4.61	3,500	1,499	300
30	1.5	7/0.53	1.59	0.8	1.8	27.0	12.1	3,500	1,018	300
	2.5	7/0.67	2.01	0.8	1.8	29.0	7.41	3,500	1,403	300

주) 1. 개산무게는 약간의 차이가 있을 수 있습니다. 2. CVV-SB, TFR-CVV-SB의 구조는 동일합니다.

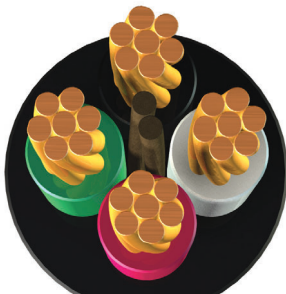
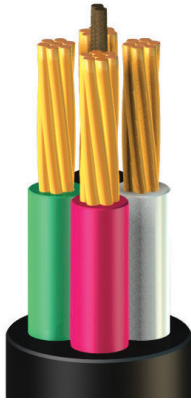
Tray Flame Retardant Crosslinked Polyethylene Insulated Power Cable | 트레이용 난연 내화 케이블

	내화케이블 (TFR-8 / NFR-8)	내열케이블 (TFR-3 / NFR-3)
용도		
특징	• 750℃, 3시간의 내화 성능 유지 • 연속최고 도체 허용온도 750℃	• 380℃, 15분의 내열 성능 유지 • 취급이 용이
NFR-8,3	• 고난연 : IEC 60332-3-24의 VTFT(Vertical Tray Flame Test)난연불꽃시험 만족 • 저독성 : 케이블 연소시 유독가스 및 부식성 가스 방출 극소량 • 저연성 : 케이블 연소시 연기발생량이 적음	

항목 \ 종류		내화케이블		내열케이블	
		TFR-8	NFR-8	TFR-3	NFR-3
사용회로		방재배선 선로용		약전배선 회로용	
내화 및 내열 특성	가열온도	750℃		380℃	
	가열시간	3시간		15분	
	내전압	600V/3시간		250V/15분	
	연소성	수직불꽃 시험		수직불꽃 시험	
구성의 특성	내화층	마이카 테이프 0.13/1.5		-	
	절연체	XLPE		XLPE	
	내열보강층	-		내열테이프	
	쉬스체	고난연내열 PVC	LSFH	고난연내열 PVC	LSFH
적용범위		0.6/1KV 이하 회로		0.6/1KV 이하 회로	
용도		• 비상전원장치 • 스프링클러 배선 • 옥내 소화전 설비배선 • 배전 설비 배선		• 비상대피 안내망 회로 • 자동 화재 경보 배선 • 각종 경보기의 기동 장치 및 표시등 • 각종 탐지기 • 비상 대피 유도등	

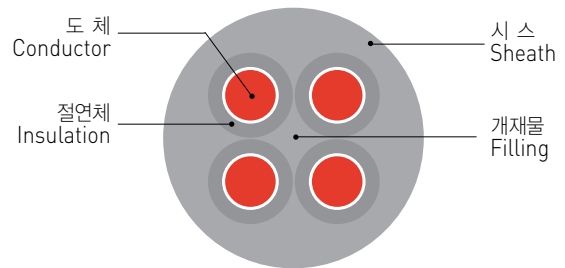
LSFH : 저독성 난연 폴리올레핀 (Low Smoke, Flame retardant and Halogen free)

Tray Flame Retardant Crosslinked Polyethylene Insulated Power Cable | 트레이용 난연 내화 케이블



화재 경보장치, 비상등 및 스프링클러 등의 내화성이 요구되는 곳에 사용되는 케이블

Tray Flame & Fire Resistant cable suits in the fire alarm, emergency systems and also sprinklers, where flame resistant characteristics demanded.



TFR-8

Standard : IEC 60502-1
IEC60332-3

선심수 Number of Cores	도체 Conductor			절연두께 Thickness of Insulation	시스두께 Thickness of Sheath	시스외경 Overall Diameter	도체저항 Conductor Resistance (20℃) (Max.)	시험전압 Test Voltage	참고	
	공칭단면적 Nominal Cross Sectional Area	구 성 No. of dia.	바깥지름 Outer Diameter						케이블 중량 Weight	표준길이 Length
core	mm ²	mm	mm	mm	mm	mm	Ω /km	V/5min.	kg/km	m
1	2.5	7/0.67	2.01	0.7	1.4	8.0	7.41	3,500	81	300
	4	7/0.85	2.55	0.7	1.4	8.5	4.61	3,500	101	300
	6	7/1.04	3.12	0.7	1.4	9.0	3.08	3,500	125	300
	10	7/1.35	4.05	0.7	1.4	10.0	1.83	3,500	174	300
	16	원형압축	4.7	0.7	1.4	10.5	1.15	3,500	230	300
	25	원형압축	5.9	0.9	1.4	12.0	0.727	3,500	335	300
	35	원형압축	6.9	0.9	1.4	13.0	0.524	3,500	437	300
	50	원형압축	8.1	1.0	1.4	14.5	0.387	3,500	569	300
	70	원형압축	9.8	1.1	1.4	16.5	0.268	3,500	785	300
	95	원형압축	11.4	1.1	1.5	18.5	0.193	3,500	1,053	300
	120	원형압축	12.9	1.2	1.5	21	0.153	3,500	1,307	300
	150	원형압축	14.4	1.4	1.6	23	0.124	3,500	1,555	300
	185	원형압축	15.9	1.6	1.6	25	0.0991	3,500	1,904	200
	240	원형압축	18.3	1.7	1.7	27	0.0754	3,500	2,427	200
	300	원형압축	20.5	1.8	1.8	30	0.0601	3,500	3,062	200
	400	원형압축	23.2	2.0	1.9	33	0.0470	3,500	4,028	150
	500	원형압축	26.4	2.2	2.0	37	0.0366	3,500	4,953	150
	630	원형압축	30.2	2.4	2.2	42	0.0283	3,500	6,311	150

Tray Flame Retardant Crosslinked Polyethylene Insulated Power Cable | 트레이용 난연 내화 케이블

TFR-8

Standard : IEC 60502-1
IEC60332-3

선심수 Number of Cores	도체 Conductor			절연두께 Thickness of Insulation	시스두께 Thickness of Sheath	시스외경 Sheath Overall Diameter	도체저항 Conductor Resistance (20℃) (Max.)	시험전압 Test Voltage	참고	
	공칭단면적 Nominal Cross Sectional Area	구 성 No. of dia	바깥지름 Outer Diameter						케이블 중량 Weight	표준길이 Length
core	mm ²	mm	mm	mm	mm	mm	Ω /km	V/5min.	kg/km	m
2	2.5	7/0.67	2.01	0.7	1.8	14	7.41	3,500	203	300
	4	7/0.85	2.55	0.7	1.8	15	4.61	3,500	249	300
	6	7/1.04	3.12	0.7	1.8	16	3.08	3,500	308	300
	10	7/1.35	4.05	0.7	1.8	18	1.83	3,500	418	300
	16	원형압축	4.7	0.7	1.8	19	1.15	3,500	548	300
	25	원형압축	5.9	0.9	1.8	22	0.727	3,500	789	300
	35	원형압축	6.9	0.9	1.8	25	0.524	3,500	1,019	300
	50	원형압축	8.1	1.0	1.8	27	0.387	3,500	1,315	300
	70	원형압축	9.8	1.1	1.8	31	0.268	3,500	1,803	300
	95	원형압축	11.4	1.1	1.9	35	0.193	3,500	2,390	300
	120	원형압축	12.9	1.2	2	38	0.153	3,500	2,992	300
	150	원형압축	14.4	1.4	2.2	42	0.124	3,500	3,585	300
	185	원형압축	15.9	1.6	2.3	47	0.0991	3,500	4,407	200
	240	원형압축	18.3	1.7	2.5	52	0.0754	3,500	5,596	200
	300	원형압축	20.5	1.8	2.6	57	0.0601	3,500	7,018	200
3	2.5	7/0.67	2.01	0.7	1.8	14.5	7.41	3,500	243	300
	4	7/0.85	2.55	0.7	1.8	15.5	4.61	3,500	307	300
	6	7/1.04	3.12	0.7	1.8	17	3.08	3,500	387	300
	10	7/1.35	4.05	0.7	1.8	19	1.83	3,500	535	300
	16	원형압축	4.7	0.7	1.8	20	1.15	3,500	707	300
	25	원형압축	5.9	0.9	1.8	24	0.727	3,500	1,056	300
	35	원형압축	6.9	0.9	1.8	26	0.524	3,500	1,377	300
	50	원형압축	8.1	1.0	1.8	29	0.387	3,500	1,781	300
	70	원형압축	9.8	1.1	1.8	33	0.268	3,500	2,482	300
	95	원형압축	11.4	1.1	1.9	37	0.193	3,500	3,328	300
	120	원형압축	12.9	1.2	2	41	0.153	3,500	4,150	300
	150	원형압축	14.4	1.4	2.2	45	0.124	3,500	4,975	300
	185	원형압축	15.9	1.6	2.3	50	0.0991	3,500	6,121	200
	240	원형압축	18.3	1.7	2.5	56	0.0754	3,500	7,800	200
	300	원형압축	20.5	1.8	2.6	61	0.0601	3,500	9,806	200
4	2.5	7/0.67	2.01	0.7	1.8	16	7.41	3,500	292	300
	4	7/0.85	2.55	0.7	1.8	17	4.61	3,500	377	300
	6	7/1.04	3.12	0.7	1.8	18.5	3.08	3,500	475	300
	10	7/1.35	4.05	0.7	1.8	21	1.83	3,500	676	300
	16	원형압축	4.7	0.7	1.8	22	1.15	3,500	919	300
	25	원형압축	5.9	0.9	1.8	26	0.727	3,500	1,353	300
	35	원형압축	6.9	0.9	1.8	29	0.524	3,500	1,755	300
	50	원형압축	8.1	1.0	1.9	32	0.387	3,500	2,313	300
	70	원형압축	9.8	1.1	2.0	37	0.268	3,500	3,237	300
	95	원형압축	11.4	1.1	2.1	41	0.193	3,500	4,345	300
	120	원형압축	12.9	1.2	2.3	46	0.153	3,500	5,357	300
	150	원형압축	14.4	1.4	2.4	50	0.124	3,500	6,489	300
	185	원형압축	15.9	1.6	2.6	56	0.0991	3,500	8,018	200
	240	원형압축	18.3	1.7	2.8	62	0.0754	3,500	10,228	200
	300	원형압축	20.5	1.8	3.0	69	0.0601	3,500	12,895	200

Tray Heat Resistant Control & Signal Cable for Fire Service

트레이용 소방용 내열케이블

0.6/1KV TFR-3

Application Standard : IEC 60502-1
IEC60332-3

선심수 Number of Cores	도체 Conductor		절연두께 Thickness of Insulation	시스두께 Thickness of Sheath	시스외경 Sheath Overall Diameter	도체저항 Conductor Resistance (20℃)(Max.)	시험전압 Test Voltage	케이블 중량 Weight
	공칭단면적 Nominal Area	등급 Class						
core	mm ²	—	mm	mm	mm	Ω /km	V/5min.	kg/km
2	1.5	1	0.7	1.8	11.0	12.1	3,500	140
	2.5	1	0.7	1.8	12.0	7.41	3,500	170
	4	1	0.7	1.8	13.0	4.61	3,500	210
3	1.5	1	0.7	1.8	11.5	12.1	3,500	160
	2.5	1	0.7	1.8	12.5	7.41	3,500	210
	4	1	0.7	1.8	13.5	4.61	3,500	260
4	1.5	1	0.7	1.8	12.0	12.1	3,500	200
	2.5	1	0.7	1.8	13.0	7.41	3,500	250
	4	1	0.7	1.8	14.5	4.61	3,500	320
5	1.5	1	0.7	1.8	13.0	12.1	3,500	230
	2.5	1	0.7	1.8	14.0	7.41	3,500	290
	4	1	0.7	1.8	15.5	4.61	3,500	390
6	1.5	1	0.7	1.8	14.0	12.1	3,500	260
	2.5	1	0.7	1.8	15.0	7.41	3,500	340
	4	1	0.7	1.8	16.5	4.61	3,500	450
7	1.5	1	0.7	1.8	14.0	12.1	3,500	280
	2.5	1	0.7	1.8	15.0	7.41	3,500	360
	4	1	0.7	1.8	15.5	4.61	3,500	490
8	1.5	1	0.7	1.8	15.0	12.1	3,500	320
	2.5	1	0.7	1.8	16.0	7.41	3,500	420
	4	1	0.7	1.8	18.5	4.61	3,500	560
10	1.5	1	0.7	1.8	17.0	12.1	3,500	380
	2.5	1	0.7	1.8	18.5	7.41	3,500	500
	4	1	0.7	1.8	20.5	4.61	3,500	690
12	1.5	1	0.7	1.8	17.5	12.1	3,500	430
	2.5	1	0.7	1.8	19.0	7.41	3,500	570
	4	1	0.7	1.8	21.0	4.61	3,500	780
15	1.5	1	0.7	1.8	19.0	12.1	3,500	510
	2.5	1	0.7	1.8	20.5	7.41	3,500	690
	4	1	0.7	1.8	23.0	4.61	3,500	950
20	1.5	1	0.7	1.8	20.5	12.1	3,500	650
	2.5	1	0.7	1.8	23.0	7.41	3,500	880
	4	1	0.7	1.8	25.5	4.61	3,500	1,230
30	1.5	1	0.7	1.8	24.0	12.1	3,500	910
	2.5	1	0.7	1.8	26.5	7.41	3,500	1,250
	4	1	0.7	1.8	29.5	4.61	3,500	1,750

• 도체등급 : Class1 (단선:Solid), Class2 (연선:Stranded)

Tray Heat Resistant Control & Signal Cable for Fire Service

트레이용 소방용 내열케이블

0.6/1KV TFR-3

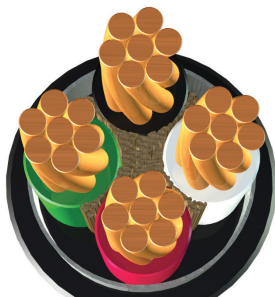
Application Standard : IEC 60502-1
IEC60332-3

선심수 Number of Cores	도체 Conductor		절연두께 Thickness of Insulation	시스두께 Thickness of Sheath	시스외경 Sheath Overall Diameter	도체저항 Conductor Resistance (20℃)(Max.)	시험전압 Test Voltage	케이블 중량 Weight
	공칭단면적 Nominal Area	등급 Class						
core	mm ²	—	mm	mm	mm	Ω /km	V/5min.	kg/km
2	1.5	2	0.7	1.8	11.5	12.1	3,500	140
	2.5	2	0.7	1.8	12.0	7.41	3,500	170
	4	2	0.7	1.8	13.5	4.61	3,500	220
3	1.5	2	0.7	1.8	12.0	12.1	3,500	170
	2.5	2	0.7	1.8	13.0	7.41	3,500	210
	4	2	0.7	1.8	14.0	4.61	3,500	270
4	1.5	2	0.7	1.8	12.5	12.1	3,500	200
	2.5	2	0.7	1.8	13.5	7.41	3,500	260
	4	2	0.7	1.8	15.0	4.61	3,500	330
5	1.5	2	0.7	1.8	13.5	12.1	3,500	240
	2.5	2	0.7	1.8	14.5	7.41	3,500	300
	4	2	0.7	1.8	16.0	4.61	3,500	400
6	1.5	2	0.7	1.8	14.5	12.1	3,500	270
	2.5	2	0.7	1.8	16.0	7.41	3,500	350
	4	2	0.7	1.8	17.5	4.61	3,500	460
7	1.5	2	0.7	1.8	14.5	12.1	3,500	290
	2.5	2	0.7	1.8	16.0	7.41	3,500	380
	4	2	0.7	1.8	17.5	4.61	3,500	500
8	1.5	2	0.7	1.8	16.0	12.1	3,500	330
	2.5	2	0.7	1.8	17.5	7.41	3,500	430
	4	2	0.7	1.8	19.0	4.61	3,500	580
10	1.5	2	0.7	1.8	17.5	12.1	3,500	400
	2.5	2	0.7	1.8	19.5	7.41	3,500	520
	4	2	0.7	1.8	21.5	4.61	3,500	710
12	1.5	2	0.7	1.8	18.0	12.1	3,500	450
	2.5	2	0.7	1.8	20.0	7.41	3,500	590
	4	2	0.7	1.8	22.0	4.61	3,500	810
15	1.5	2	0.7	1.8	20.0	12.1	3,500	540
	2.5	2	0.7	1.8	22.0	7.41	3,500	710
	4	2	0.7	1.8	24.5	4.61	3,500	980
20	1.5	2	0.7	1.8	22.0	12.1	3,500	680
	2.5	2	0.7	1.8	24.0	7.41	3,500	910
	4	2	0.7	1.8	27.0	4.61	3,500	1260
30	1.5	2	0.7	1.8	25.0	12.1	3,500	950
	2.5	2	0.7	1.8	28.0	7.41	3,500	1,290
	4	2	0.7	1.8	31.5	4.61	3,500	1,800

• 도체등급 : Class1 (단선:Solid), Class2 (연선:Stranded)

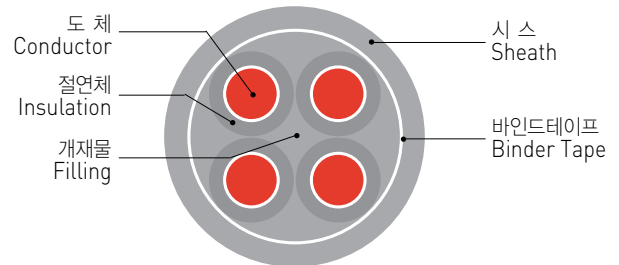
Halogen Free Flame Retardant Polyolefin Power Cable

저독성 난연 폴리올레핀케이블



주화재 경보장치, 비상등 및 스프링클러 등의 내화성이 요구되는 곳에 사용되는 케이블

Tray Flame & Fire Resistant cable suits in the fire alarm, emergency systems and also sprinklers, where flame resistant characteristics demanded.



0.6/1KV HFCO

Application Standard : IEC 60502-1
IEC60332-3

선심수 Number of Cores	도체 Conductor			절연두께 Thickness of Insulation	시스두께 Thickness of Sheath	시스외경 Sheath Overall Diameter	도체저항 Conductor Resistance (20℃) (Max.)	시험전압 Test Voltage	케이블 중량 Weight
	공칭단면적 Nominal Cross Sectional Area	구 성 No. of dia.	바깥지름 Outer Diameter						
core	mm ²	mm	mm	mm	mm	mm	Ω /km	V/5min.	kg/km
1	1.5	7/0.53	1.59	0.7	1.4	8.0	12.1	3,500	50
	2.5	7/0.67	2.01	0.7	1.4	8.0	7.41	3,500	70
	4	7/0.85	2.55	0.7	1.4	9.0	4.61	3,500	90
	6	7/1.04	3.12	0.7	1.4	9.0	3.08	3,500	110
	10	7/1.35	4.05	0.7	1.4	10.0	1.83	3,500	170
	16	원형압축	4.7	0.7	1.4	11.0	1.15	3,500	210
	25	원형압축	5.9	0.9	1.4	13.0	0.727	3,500	310
	35	원형압축	6.9	0.9	1.4	14.0	0.524	3,500	400
	50	원형압축	8.1	1.0	1.4	15.0	0.387	3,500	520
	70	원형압축	9.8	1.1	1.4	17.0	0.268	3,500	720
	95	원형압축	11.4	1.1	1.5	19.0	0.193	3,500	970
	120	원형압축	12.9	1.2	1.5	21.0	0.153	3,500	1,210
	150	원형압축	14.4	1.4	1.6	23.0	0.124	3,500	1,490
	185	원형압축	15.9	1.6	1.6	25.0	0.0991	3,500	1,840
	240	원형압축	18.3	1.7	1.7	28.0	0.0754	3,500	2,400
	300	원형압축	20.5	1.8	1.8	30.0	0.0601	3,500	2,980
	400	원형압축	23.2	2.0	1.9	34.0	0.0470	3,500	3,800
	500	원형압축	26.4	2.2	2.0	38.0	0.0366	3,500	4,850
	630	원형압축	30.2	2.4	2.2	42.0	0.0283	3,500	6,240

Halogen Free Flame Retardant Polyolefin Power Cable

저독성 난연 폴리올레핀케이블

0.6/1KV HFCO

Application Standard : IEC 60502-1
IEC60332-3

선심수 Number of Cores	도체 Conductor			절연두께 Thickness of Insulation	시스두께 Thickness of Sheath	시스외경 Sheath Overall Diameter	도체저항 Conductor Resistance (20℃) (Max.)	시험전압 Test Voltage	케이블 중량 Weight
	공칭단면적 Nominal Cross Sectional Area	구 성 No.of dia.	바깥지름 Outer Diameter						
core	mm ²	mm	mm	mm	mm	mm	Ω /km	V/5min.	kg/km
2	1.5	7/0.53	1.59	0.7	1.8	13.0	12.1	3,500	120
	2.5	7/0.67	2.01	0.7	1.8	13.0	7.41	3,500	150
	4	7/0.85	2.55	0.7	1.8	15.0	4.61	3,500	190
	6	7/1.04	3.12	0.7	1.8	16.0	3.08	3,500	240
	10	7/1.35	4.05	0.7	1.8	18.0	1.83	3,500	330
	16	원형압축	4.7	0.7	1.8	19.0	1.15	3,500	450
	25	원형압축	5.9	0.9	1.8	22.0	0.727	3,500	660
	35	원형압축	6.9	0.9	1.8	24.0	0.524	3,500	880
	50	원형압축	8.1	1.0	1.8	27.0	0.387	3,500	1,150
	70	원형압축	9.8	1.1	1.8	31.0	0.268	3,500	1,610
	95	원형압축	11.4	1.1	1.9	35.0	0.193	3,500	2,170
	120	원형압축	12.9	1.2	2.0	38.0	0.153	3,500	2,670
	150	원형압축	14.4	1.4	2.2	42.0	0.124	3,500	3,310
	185	원형압축	15.9	1.6	2.3	47.0	0.0991	3,500	4,110
	240	원형압축	18.3	1.7	2.5	52.0	0.0754	3,500	5,340
	300	원형압축	20.5	1.8	2.6	57.0	0.0601	3,500	6,630
3	1.5	7/0.53	1.59	0.7	1.8	13.0	12.1	3,500	150
	2.5	7/0.67	2.01	0.7	1.8	14.0	7.41	3,500	180
	4	7/0.85	2.55	0.7	1.8	15.0	4.61	3,500	240
	6	7/1.04	3.12	0.7	1.8	16.0	3.08	3,500	310
	10	7/1.35	4.05	0.7	1.8	19.0	1.83	3,500	450
	16	원형압축	4.7	0.7	1.8	20.0	1.15	3,500	610
	25	원형압축	5.9	0.9	1.8	23.0	0.727	3,500	900
	35	원형압축	6.9	0.9	1.8	26.0	0.524	3,500	1,210
	50	원형압축	8.1	1.0	1.8	29.0	0.387	3,500	1,560
	70	원형압축	9.8	1.1	1.9	33.0	0.268	3,500	2,200
	95	원형압축	11.4	1.1	2.0	37.0	0.193	3,500	2,970
	120	원형압축	12.9	1.2	2.1	41.0	0.153	3,500	3,790
	150	원형압축	14.4	1.4	2.3	45.0	0.124	3,500	4,670
	185	원형압축	15.9	1.6	2.4	50.0	0.0991	3,500	5,830
	240	원형압축	18.3	1.7	2.6	56.0	0.0754	3,500	7,580
	300	원형압축	20.5	1.8	2.7	61.0	0.0601	3,500	9,400
4	1.5	7/0.53	1.59	0.7	1.8	14.0	12.1	3,500	170
	2.5	7/0.67	2.01	0.7	1.8	15.0	7.41	3,500	220
	4	7/0.85	2.55	0.7	1.8	16.0	4.61	3,500	290
	6	7/1.04	3.12	0.7	1.8	18.0	3.08	3,500	380
	10	7/1.35	4.05	0.7	1.8	20.0	1.83	3,500	570
	16	원형압축	4.7	0.7	1.8	22.0	1.15	3,500	790
	25	원형압축	5.9	0.9	1.8	26.0	0.727	3,500	1,180
	35	원형압축	6.9	0.9	1.8	28.0	0.524	3,500	1,550
	50	원형압축	8.1	1.0	1.9	32.0	0.387	3,500	2,060
	70	원형압축	9.8	1.1	2.0	37.0	0.268	3,500	2,930
	95	원형압축	11.4	1.1	2.1	41.0	0.193	3,500	3,970
	120	원형압축	12.9	1.2	2.3	45.0	0.153	3,500	4,980
	150	원형압축	14.4	1.4	2.4	50.0	0.124	3,500	6,130
	185	원형압축	15.9	1.6	2.6	55.0	0.0991	3,500	7,660
	240	원형압축	18.3	1.7	2.8	62.0	0.0754	3,500	9,960
	300	원형압축	20.5	1.8	3.0	68.0	0.0601	3,500	12,380

• 도체등급 : Class2 (연선:Stranded-원형:Circular, 원형압축:Compact)

Halogen Free Flame Retardant Polyolefin Control Cable

저독성 난연 폴리올레핀 제어용케이블

0.6/1KV HFCCO

Application Standard : IEC 60502-1
IEC60332-3

선심수 Number of Cores	도체 Conductor			절연두께 Thickness of Insulation	시스두께 Thickness of Sheath	시스외경 Sheath Overall Diameter	도체저항 Conductor Resistance (20℃) (Max.)	시험전압 Test Voltage	케이블 중량 Weight
	공칭단면적 Nominal Cross Sectional Area	구 성 No. of dia.	바깥지름 Outer Diameter						
core	mm ²	mm	mm	mm	mm	mm	Ω /km	V/5min.	kg/km
2	1.5	7/0.53	1.59	0.7	1.8	10.5	12.1	3,500	130
	2.5	7/0.67	2.01	0.7	1.8	11.5	7.41	3,500	160
	4	7/0.85	2.55	0.7	1.8	12.5	4.61	3,500	200
	6	7/1.04	3.12	0.7	1.8	13.5	3.08	3,500	260
	10	7/1.35	4.05	0.7	1.8	15.5	1.83	3,500	350
3	1.5	7/0.53	1.59	0.7	1.8	11.0	12.1	3,500	160
	2.5	7/0.67	2.01	0.7	1.8	12.0	7.41	3,500	200
	4	7/0.85	2.55	0.7	1.8	13.0	4.61	3,500	260
	6	7/1.04	3.12	0.7	1.8	14.5	3.08	3,500	330
	10	7/1.35	4.05	0.7	1.8	16.5	1.83	3,500	470
4	1.5	7/0.53	1.59	0.7	1.8	11.5	12.1	3,500	190
	2.5	7/0.67	2.01	0.7	1.8	13.0	7.41	3,500	250
	4	7/0.85	2.55	0.7	1.8	14.5	4.61	3,500	320
	6	7/1.04	3.12	0.7	1.8	15.5	3.08	3,500	420
	10	7/1.35	4.05	0.7	1.8	18.0	1.83	3,500	600
5	1.5	7/0.53	1.59	0.7	1.8	13.0	12.1	3,500	230
	2.5	7/0.67	2.01	0.7	1.8	14.0	7.41	3,500	290
	4	7/0.85	2.55	0.7	1.8	15.5	4.61	3,500	380
	6	7/1.04	3.12	0.7	1.8	17.0	3.08	3,500	500
	10	7/1.35	4.05	0.7	1.8	19.5	1.83	3,500	730
6	1.5	7/0.53	1.59	0.7	1.8	13.5	12.1	3,500	260
	2.5	7/0.67	2.01	0.7	1.8	15.0	7.41	3,500	340
	4	7/0.85	2.55	0.7	1.8	16.5	4.61	3,500	450
	6	7/1.04	3.12	0.7	1.8	18.5	3.08	3,500	590
	10	7/1.35	4.05	0.7	1.8	21.0	1.83	3,500	850
7	1.5	7/0.53	1.59	0.7	1.8	13.5	12.1	3,500	270
	2.5	7/0.67	2.01	0.7	1.8	15.0	7.41	3,500	360
	4	7/0.85	2.55	0.7	1.8	16.5	4.61	3,500	480
	6	7/1.04	3.12	0.7	1.8	18.5	3.08	3,500	640
	10	7/1.35	4.05	0.7	1.8	21.0	1.83	3,500	940
8	1.5	7/0.53	1.59	0.7	1.8	14.5	12.1	3,500	320
	2.5	7/0.67	2.01	0.7	1.8	16.0	7.41	3,500	410
	4	7/0.85	2.55	0.7	1.8	18.0	4.61	3,500	550
	6	7/1.04	3.12	0.7	1.8	20.0	3.08	3,500	740
	10	7/1.35	4.05	0.7	1.8	23.0	1.83	3,500	1,090
10	1.5	7/0.53	1.59	0.7	1.8	16.5	12.1	3,500	380
	2.5	7/0.67	2.01	0.7	1.8	18.5	12.1	3,500	500
	4	7/0.85	2.55	0.7	1.8	21.0	12.1	3,500	670
	6	7/1.04	3.12	0.7	1.8	23.0	12.1	3,500	900
	10	7/1.35	4.05	0.7	1.8	27.0	12.1	3,500	1,330

Halogen Free Flame Retardant Polyolefin Control Cable

저독성 난연 폴리올레핀 제어용케이블

0.6/1KV HFCCO

Application Standard : IEC 60502-1
IEC60332-3

선심수 Number of Cores	도체 Conductor			절연두께 Thickness of Insulation	시스두께 Thickness of Sheath	시스외경 Sheath Overall Diameter	도체저항 Conductor Resistance (20℃) (Max.)	시험전압 Test Voltage	케이블 중량 Weight
	공칭단면적 Nominal Cross Sectional Area	구 성 No. of dia.	바깥지름 Outer Diameter						
core	mm ²	mm	mm	mm	mm	mm	Ω /km	V/5min.	kg/km
12	1.5	7/0.53	1.59	0.7	1.8	17.0	12.1	3,500	430
	2.5	7/0.67	2.01	0.7	1.8	19.0	7.41	3,500	570
	4	7/0.85	2.55	0.7	1.8	22.0	4.61	3,500	780
	6	7/1.04	3.12	0.7	1.8	24.0	3.08	3,500	1,050
	10	7/1.35	4.05	0.7	1.8	28.0	1.83	3,500	1,560
15	1.5	7/0.53	1.59	0.7	1.8	18.5	12.1	3,500	510
	2.5	7/0.67	2.01	0.7	1.8	21.0	7.41	3,500	690
	4	7/0.85	2.55	0.7	1.8	23.0	4.61	3,500	950
	6	7/1.04	3.12	0.7	1.8	26.0	3.08	3,500	1,280
20	1.5	7/0.53	1.59	0.7	1.8	21.0	12.1	3,500	650
	2.5	7/0.67	2.01	0.7	1.8	23.0	7.41	3,500	880
	4	7/0.85	2.55	0.7	1.8	26.0	4.61	3,500	1,220
	6	7/1.04	3.12	0.7	1.8	29.0	3.08	3,500	1,660
30	1.5	7/0.53	1.59	0.7	1.8	24.0	12.1	3,500	920
	2.5	7/0.67	2.01	0.7	1.8	27.0	7.41	3,500	1,250
	4	7/0.85	2.55	0.7	1.8	31.0	4.61	3,500	1,750

Halogen Free Flame Retardant Polyolefin Power Cable for Fire Service | 저독성 난연 폴리올레핀 제어용케이블

Application Standard : IEC 60502-1
IEC60332-3
KFI of KOFEIC

0.6/1KV NFR-8

선심수 Number of Cores	도체 Conductor			절연두께 Thickness of Insulation	시스두께 Thickness of Sheath	시스외경 Sheath Overall Diameter	도체저항 Conductor Resistance (20℃) (Max.)	시험전압 Test Voltage	케이블 중량 Weight
	공칭단면적 Nominal Cross Sectional Area	구 성 No. of dia.	바깥지름 Outer Diameter						
core	mm ²	mm	mm	mm	mm	mm	Ω /km	V/5min.	kg/km
1	1.5	7/0.53	1.59	0.7	1.4	8.5	12.1	3,500	60
	2.5	7/0.67	2.01	0.7	1.4	9.0	7.41	3,500	80
	4	7/0.85	2.55	0.7	1.4	9.5	4.61	3,500	100
	6	7/1.04	3.12	0.7	1.4	10.0	3.08	3,500	120
	10	7/1.35	4.05	0.7	1.4	11.0	1.83	3,500	180
	16	원형압축	4.7	0.7	1.4	12.0	1.15	3,500	220
	25	원형압축	5.9	0.9	1.4	13.5	0.727	3,500	320
	35	원형압축	6.9	0.9	1.4	15.0	0.524	3,500	430
	50	원형압축	8.1	1.0	1.4	16.5	0.387	3,500	540
	70	원형압축	9.8	1.1	1.4	18.5	0.268	3,500	740
	95	원형압축	11.4	1.1	1.5	20.5	0.193	3,500	990
	120	원형압축	12.9	1.2	1.5	22.5	0.153	3,500	1,230
	150	원형압축	14.4	1.4	1.6	25.0	0.124	3,500	1,530
	185	원형압축	15.9	1.6	1.6	27.0	0.0991	3,500	1,890
	240	원형압축	18.3	1.7	1.7	30.0	0.0754	3,500	2,450
	300	원형압축	20.5	1.8	1.8	33.0	0.0601	3,500	3,040
	400	원형압축	23.2	2.0	1.9	36.5	0.0470	3,500	3,860
	500	원형압축	26.4	2.2	2.0	41.0	0.0366	3,500	4,920
	630	원형압축	30.2	2.4	2.2	46.0	0.0283	3,500	6,320
2	1.5	7/0.53	1.59	0.7	1.8	14.0	12.1	3,500	130
	2.5	7/0.67	2.01	0.7	1.8	15.0	7.41	3,500	170
	4	7/0.85	2.55	0.7	1.8	16.0	4.61	3,500	210
	6	7/1.04	3.12	0.7	1.8	17.5	3.08	3,500	260
	10	7/1.35	4.05	0.7	1.8	19.5	1.83	3,500	350
	16	원형압축	4.7	0.7	1.8	21.0	1.15	3,500	470
	25	원형압축	5.9	0.9	1.8	24.5	0.727	3,500	680
	35	원형압축	6.9	0.9	1.8	26.5	0.524	3,500	910
	50	원형압축	8.1	1.0	1.8	30.0	0.387	3,500	1,180
	70	원형압축	9.8	1.1	1.8	34.5	0.268	3,500	1,640
	95	원형압축	11.4	1.1	1.9	38.0	0.193	3,500	2,210
	120	원형압축	12.9	1.2	2.0	42.0	0.153	3,500	2,710
	150	원형압축	14.4	1.4	2.2	46.5	0.124	3,500	3,390
	185	원형압축	15.9	1.6	2.3	51.0	0.0991	3,500	4,200
	240	원형압축	18.3	1.7	2.5	57.5	0.0754	3,500	5,440
	300	원형압축	20.5	1.8	2.6	63.0	0.0601	3,500	6,740

Halogen Free Flame Retardant Polyolefin Power Cable for Fire Service

저독성 난연 폴리올레핀 제어용케이블

Application Standard : IEC 60502-1
IEC60332-3
KFI of KOFEIC

0.6/1KV NFR-8

선심수 Number of Cores	도체 Conductor			절연두께 Thickness of Insulation	시스두께 Thickness of Sheath	시스외경 Sheath Overall Diameter	도체저항 Conductor Resistance (20℃) (Max.)	시험전압 Test Voltage	케이블 중량 Weight
	공칭단면적 Nominal Cross Sectional Area	구 성 No. of dia.	바깥지름 Outer Diameter						
core	mm ²	mm	mm	mm	mm	mm	Ω /km	V/5min.	kg/km
3	1.5	7/0.53	1.59	0.7	1.8	15.0	12.1	3,500	170
	2.5	7/0.67	2.01	0.7	1.8	16.0	7.41	3,500	200
	4	7/0.85	2.55	0.7	1.8	17.0	4.61	3,500	270
	6	7/1.04	3.12	0.7	1.8	18.5	3.08	3,500	340
	10	7/1.35	4.05	0.7	1.8	20.5	1.83	3,500	470
	16	원형압축	4.7	0.7	1.8	22.0	1.15	3,500	640
	25	원형압축	5.9	0.9	1.8	26.0	0.727	3,500	930
	35	원형압축	6.9	0.9	1.8	28.5	0.524	3,500	1,250
	50	원형압축	8.1	1.0	1.9	32.0	0.387	3,500	1,600
	70	원형압축	9.8	1.1	2.0	37.0	0.268	3,500	2,240
	95	원형압축	11.4	1.1	2.1	41.0	0.193	3,500	3,020
	120	원형압축	12.9	1.2	2.3	45.5	0.153	3,500	3,850
	150	원형압축	14.4	1.4	2.4	50.5	0.124	3,500	4,790
	185	원형압축	15.9	1.6	2.6	55.5	0.0991	3,500	5,960
	240	원형압축	18.3	1.7	2.8	62.0	0.0754	3,500	7,730
	300	원형압축	20.5	1.8	2.9	68.0	0.0601	3,500	9,570
4	1.5	7/0.53	1.59	0.7	1.8	16.0	12.1	3,500	190
	2.5	7/0.67	2.01	0.7	1.8	17.0	7.41	3,500	250
	4	7/0.85	2.55	0.7	1.8	18.5	4.61	3,500	330
	6	7/1.04	3.12	0.7	1.8	20.0	3.08	3,500	420
	10	7/1.35	4.05	0.7	1.8	22.5	1.83	3,500	600
	16	원형압축	4.7	0.7	1.8	24.5	1.15	3,500	820
	25	원형압축	5.9	0.9	1.8	28.5	0.727	3,500	1,220
	35	원형압축	6.9	0.9	1.8	31.5	0.524	3,500	1,600
	50	원형압축	8.1	1.0	2.0	35.5	0.387	3,500	2,110
	70	원형압축	9.8	1.1	2.1	41.0	0.268	3,500	2,990
	95	원형압축	11.4	1.1	2.3	45.5	0.193	3,500	4,040
	120	원형압축	12.9	1.2	2.4	50.5	0.153	3,500	5,050
	150	원형압축	14.4	1.4	2.6	56.0	0.124	3,500	6,280
	185	원형압축	15.9	1.6	2.7	61.5	0.0991	3,500	7,830
	240	원형압축	18.3	1.7	3.0	69.0	0.0754	3,500	10,160
	300	원형압축	20.5	1.8	3.2	76.0	0.0601	3,500	12,600

Halogen Free Flame Retardant Polyolefin Control & Signal Cable for Fire Service | 저독성 난연 폴리올레핀 내열케이블

0.6/1KV NFR-3

Application Standard : IEC 60502-1
IEC60754-1

선심수 Number of Cores	도체 Conductor		절연두께 Thickness of Insulation	시스두께 Thickness of Sheath	시스외경 Sheath Overall Diameter	도체저항 Conductor Resistance (20℃)(Max.)	시험전압 Test Voltage	케이블 중량 Weight
	공칭단면적 Nominal Area	등급 Class						
core	mm ²	—	mm	mm	mm	Ω /km	V/5min.	kg/km
2	1.5	1	0.7	1.8	11.0	12.1	3,500	140
	2.5	1	0.7	1.8	12.0	7.41	3,500	170
	4	1	0.7	1.8	13.0	4.61	3,500	210
3	1.5	1	0.7	1.8	11.5	12.1	3,500	160
	2.5	1	0.7	1.8	12.5	7.41	3,500	210
	4	1	0.7	1.8	13.5	4.61	3,500	260
4	1.5	1	0.7	1.8	12.0	12.1	3,500	200
	2.5	1	0.7	1.8	13.0	7.41	3,500	250
	4	1	0.7	1.8	14.5	4.61	3,500	320
5	1.5	1	0.7	1.8	13.0	12.1	3,500	230
	2.5	1	0.7	1.8	14.0	7.41	3,500	290
	4	1	0.7	1.8	15.5	4.61	3,500	390
6	1.5	1	0.7	1.8	14.0	12.1	3,500	260
	2.5	1	0.7	1.8	15.0	7.41	3,500	340
	4	1	0.7	1.8	16.5	4.61	3,500	450
7	1.5	1	0.7	1.8	14.0	12.1	3,500	280
	2.5	1	0.7	1.8	15.0	7.41	3,500	360
	4	1	0.7	1.8	15.5	4.61	3,500	490
8	1.5	1	0.7	1.8	15.0	12.1	3,500	320
	2.5	1	0.7	1.8	16.0	7.41	3,500	420
	4	1	0.7	1.8	18.5	4.61	3,500	560
10	1.5	1	0.7	1.8	17.0	12.1	3,500	380
	2.5	1	0.7	1.8	18.5	7.41	3,500	500
	4	1	0.7	1.8	20.5	4.61	3,500	690
12	1.5	1	0.7	1.8	17.5	12.1	3,500	430
	2.5	1	0.7	1.8	19.0	7.41	3,500	570
	4	1	0.7	1.8	21.0	4.61	3,500	780
15	1.5	1	0.7	1.8	19.0	12.1	3,500	510
	2.5	1	0.7	1.8	20.5	7.41	3,500	690
	4	1	0.7	1.8	23.0	4.61	3,500	950
20	1.5	1	0.7	1.8	20.5	12.1	3,500	650
	2.5	1	0.7	1.8	23.0	7.41	3,500	880
	4	1	0.7	1.8	25.5	4.61	3,500	1,230
30	1.5	1	0.7	1.8	24.0	12.1	3,500	910
	2.5	1	0.7	1.8	26.5	7.41	3,500	1,250
	4	1	0.7	1.8	29.5	4.61	3,500	1,750

• 도체등급 : Class2 (연선:Stranded - 원형 : Circular, 원형압축 : Compact)

Halogen Free Flame Retardant Polyolefin Control & Signal Cable for Fire Service | 저독성 난연 폴리올레핀 내열케이블

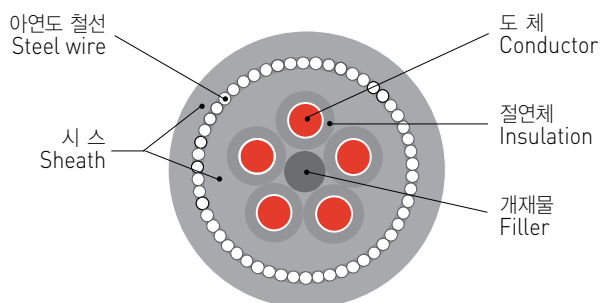
0.6/1KV NFR-3

Application Standard : IEC 60502-1
IEC60754-1

선심수 Number of Cores	도체 Conductor		절연두께 Thickness of Insulation	시스두께 Thickness of Sheath	시스외경 Sheath Overall Diameter	도체저항 Conductor Resistance (20℃)(Max.)	시험전압 Test Voltage	케이블 중량 Weight
	공칭단면적 Nominal Area	등급 Class						
core	mm ²	—	mm	mm	mm	Ω /km	V/5min.	kg/km
2	1.5	2	0.7	1.8	11.5	12.1	3,500	140
	2.5	2	0.7	1.8	12.0	7.41	3,500	170
	4	2	0.7	1.8	13.5	4.61	3,500	220
3	1.5	2	0.7	1.8	12.0	12.1	3,500	170
	2.5	2	0.7	1.8	13.0	7.41	3,500	210
	4	2	0.7	1.8	14.0	4.61	3,500	270
4	1.5	2	0.7	1.8	12.5	12.1	3,500	200
	2.5	2	0.7	1.8	13.5	7.41	3,500	260
	4	2	0.7	1.8	15.0	4.61	3,500	330
5	1.5	2	0.7	1.8	13.5	12.1	3,500	240
	2.5	2	0.7	1.8	14.5	7.41	3,500	300
	4	2	0.7	1.8	16.0	4.61	3,500	400
6	1.5	2	0.7	1.8	14.5	12.1	3,500	270
	2.5	2	0.7	1.8	16.0	7.41	3,500	350
	4	2	0.7	1.8	17.5	4.61	3,500	460
7	1.5	2	0.7	1.8	14.5	12.1	3,500	290
	2.5	2	0.7	1.8	16.0	7.41	3,500	380
	4	2	0.7	1.8	17.5	4.61	3,500	500
8	1.5	2	0.7	1.8	16.0	12.1	3,500	330
	2.5	2	0.7	1.8	17.5	7.41	3,500	430
	4	2	0.7	1.8	19.0	4.61	3,500	580
10	1.5	2	0.7	1.8	17.5	12.1	3,500	400
	2.5	2	0.7	1.8	19.5	7.41	3,500	520
	4	2	0.7	1.8	21.5	4.61	3,500	710
12	1.5	2	0.7	1.8	18.0	12.1	3,500	450
	2.5	2	0.7	1.8	20.0	7.41	3,500	590
	4	2	0.7	1.8	22.0	4.61	3,500	810
15	1.5	2	0.7	1.8	20.0	12.1	3,500	540
	2.5	2	0.7	1.8	22.0	7.41	3,500	710
	4	2	0.7	1.8	24.5	4.61	3,500	980
20	1.5	2	0.7	1.8	22.0	12.1	3,500	680
	2.5	2	0.7	1.8	24.0	7.41	3,500	910
	4	2	0.7	1.8	27.0	4.61	3,500	1,260
30	1.5	2	0.7	1.8	25.0	12.1	3,500	950
	2.5	2	0.7	1.8	28.0	7.41	3,500	1,290
	4	2	0.7	1.8	31.5	4.61	3,500	1,800

• 도체등급 : Class2 (연선:Stranded - 원형 : Circular, 원형압축 : Compact)

0.6/1kV XLPE insulated halogen free sheathed with steel wire armored cables | 0.6/1KV 가교 폴리에틸렌 절연 저독성 난연 폴리올레핀 시스 케이블



● 제품의 용도

- 기기전원 공급용 및 컨트롤 케이블로 사용

● 제품의 특성

- 정격: 최고허용전압 0.6/1KV, 최고허용온도 90℃
- 선심식별

선심수	사용되는 색상
1심	갈색
2심	갈색, 청색
3심	갈색, 청색, 회색
4심	청색, 갈색, 흑색, 회색
5심	녹색/황색, 청색, 갈색, 흑색, 회색

- 적용규격: KS C IEC 60502-1

● Application of Product

- SWA Cable - power and auxiliary control cables for use in power networks, underground, outdoor and indoor applications and for use in cable ducting. For installation where fire, smoke emission and toxic fumes create a potential threat to life and equipment.

● Characteristics of Product

- Core identification

No. of Core	Used Color
1Core	Brown
2Core	Brown, Blue
3Core	Brown, Black, Grey
4Core	Blue, Brown, Black, Grey
5Core	Green/Yellow, Blue, Brown, Black, Grey

Alternative core identification: White cores with Black numbers

- Rating : Volt. (max.) 0.6/1KV, Temp. (max.) 90℃
- Standard : IEC 60502-1

0.6/1kV LSZH-SWA

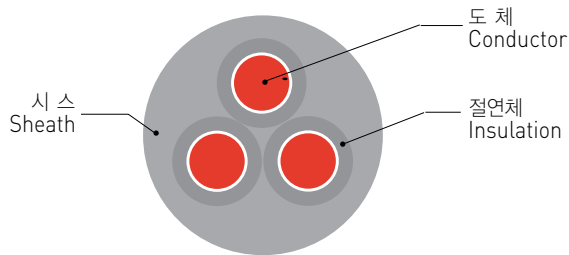
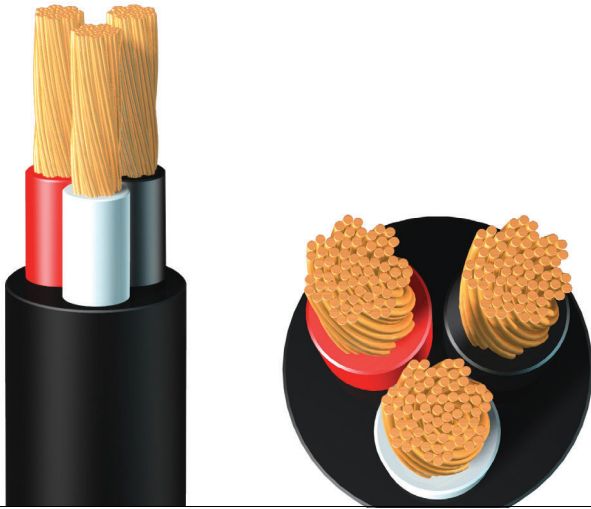
선심수 Number of Cores	공칭단면적 Nominal Cross- Sectional Area	도체 Conductor		절연두께 Thickness of Insulation	절연외경 Insulation Overall Diameter	철선소선경	시스두께 Thickness of Sheath	시스외경 Sheath Overall Diameter	도체저항 Conductor Resistance (20℃)(Max.)	시험전압 Test Voltage
		구성 No. of dia.	지름 Outer dia.							
core	sq mm	mm	mm	mm	mm	mm	mm	mm	Ω /km	V/5min.
2	1.5	7/ 0.53	1.59	0.7	3	0.8	1.8	13.4	12.1	3,500
	2.5	7/ 0.67	2.01	0.7	3.4	0.8	1.8	14.2	7.41	3,500
	4	7/ 0.85	2.55	0.7	4	0.8	1.8	15.4	4.61	3,500
	6	7/ 1.04	3.12	0.7	4.5	1.25	1.8	17.3	3.08	3,500
	10	7/ 1.35	4.05	0.7	5.5	1.25	1.8	19.3	1.83	3,500
	16	7/ 1.70	5.10	0.7	6.5	1.25	1.8	21.3	1.15	3,500
	25	7/ 2.14	6.42	0.9	8.2	1.6	1.8	25.4	0.727	3,500
	35	7/ 2.52	7.56	0.9	9.4	1.6	1.8	27.8	0.524	3,500
	50	19/ 1.78	8.90	1.0	10.9	1.6	2.0	31.2	0.387	3,500
	70	19/ 2.14	10.70	1.1	12.9	2	2.1	36.6	0.268	3,500
	95	19/ 2.52	12.60	1.1	14.8	2	2.3	40.8	0.193	3,500

0.6/1kV XLPE insulated halogen free sheathed with steel wire armored cables | 0.6/1KV 가교 폴리에틸렌 절연 저독성 난연 폴리올레핀 시스 케이블

0.6/1kV LSZH-SWA

선심수 Number of Cores	공칭단면적 Nominal Cross- Sectional Area	도체 Conductor		절연두께 Thickness of Insulation	절연외경 Insulation Overall Diameter	철선소선경	시스두께 Thickness of Sheath	시스외경 Sheath Overall Diameter	도체저항 Conductor Resistance (20℃)(Max.)	시험전압 Test Voltage
		구성 No. of dia.	지름 Outer dia.							
core	sq mm	mm	mm	mm	mm	mm	mm	mm	Ω /km	V/5min.
3	1.5	7/ 0.53	1.59	0.7	3	0.8	1.8	13.9	12.1	3,500
	2.5	7/ 0.67	2.01	0.7	3.4	0.8	1.8	14.7	7.41	3,500
	4	7/ 0.85	2.55	0.7	4	1.25	1.8	16.9	4.61	3,500
	6	7/ 1.04	3.12	0.7	4.5	1.25	1.8	18.0	3.08	3,500
	10	7/ 1.35	4.05	0.7	5.5	1.25	1.8	20.2	1.83	3,500
	16	7/ 1.70	5.10	0.7	6.5	1.6	1.8	23.0	1.15	3,500
	25	7/ 2.14	6.42	0.9	8.2	1.6	1.8	26.7	0.727	3,500
	35	7/ 2.52	7.56	0.9	9.4	1.6	1.9	29.5	0.524	3,500
	50	19/ 1.78	8.90	1.0	10.9	2	2.0	33.7	0.387	3,500
	70	19/ 2.14	10.70	1.1	12.9	2	2.2	38.8	0.268	3,500
	95	19/ 2.52	12.60	1.1	14.8	2	2.3	43.1	0.193	3,500
4	1.5	7/ 0.53	1.59	0.7	3	0.8	1.8	14.6	12.1	3,500
	2.5	7/ 0.67	2.01	0.7	3.4	1.25	1.8	16.5	7.41	3,500
	4	7/ 0.85	2.55	0.7	4	1.25	1.8	18	4.61	3,500
	6	7/ 1.04	3.12	0.7	4.5	1.25	1.8	19.2	3.08	3,500
	10	7/ 1.35	4.05	0.7	5.5	1.6	1.8	22.3	1.83	3,500
	16	7/ 1.70	5.10	0.7	6.5	1.6	1.8	24.7	1.15	3,500
	25	7/ 2.14	6.42	0.9	8.2	1.6	1.9	29	0.727	3,500
	35	7/ 2.52	7.56	0.9	9.4	1.6	2.0	32.1	0.524	3,500
	50	19/ 1.78	8.90	1.0	10.9	2	2.2	37.3	0.387	3,500
	70	19/ 2.14	10.70	1.1	12.9	2	2.3	42.3	0.268	3,500
	95	19/ 2.52	12.60	1.1	14.8	2	2.5	47.3	0.193	3,500
5	1.5	7/ 0.53	1.59	0.7	3	1.25	1.8	16.4	12.1	3,500
	2.5	7/ 0.67	2.01	0.7	3.4	1.25	1.8	17.5	7.41	3,500
	4	7/ 0.85	2.55	0.7	4	1.25	1.8	19.1	4.61	3,500
	6	7/ 1.04	3.12	0.7	4.5	1.25	1.8	20.5	3.08	3,500
	10	7/ 1.35	4.05	0.7	5.5	1.6	1.8	23.9	1.83	3,500
	16	7/ 1.70	5.10	0.7	6.5	1.6	1.8	26.6	1.15	3,500
	25	7/ 2.14	6.42	0.9	8.2	1.6	2.0	31.5	0.727	3,500
	35	7/ 2.52	7.56	0.9	9.4	2	2.1	36.2	0.524	3,500
	50	19/ 1.78	8.90	1.0	10.9	2	2.3	40.6	0.387	3,500
	70	19/ 2.14	10.70	1.1	12.9	2	2.4	46.2	0.268	3,500
	95	19/ 2.52	12.60	1.1	14.8	2	2.6	51.8	0.193	3,500

VCT | 0.6/1KV 비닐절연 비닐 시스 캡타이어 케이블



● 제품의 용도

- 공장, 광산, 농장 등에서 0.6/1KV 이하의 전압을 사용하는 이동용 전기기기 또는 배선용에 사용.

● 제품의 특성

- 정격 : 최고허용전압 0.6/1KV, 최고허용온도 70℃
- 선심식별

선심수	사용되는 색상
2심	흑색, 백색
3심	흑색, 백색, 적색 또는 흑색, 백색, 녹색
4심	흑색, 백색, 적색, 녹색

- 적용규격 : KS C IEC 60502-1

● Application of Product

- This cable is generally used for connecting mobile electric apparatus under AC 0.6/1KV as power source lead wire in factory, mine area and farm area.

● Characteristics of Product

- Rating : Volt.[max.] 0.6/1KV
Temp.[max.] 70℃

No. of Core	Used Color
2Core	Black, White
3Core	Black, White, Red or Black, White, Green
4Core	Black, White, Red, Green

- Core identification
- Standard : KS C IEC 60502-1

VCT

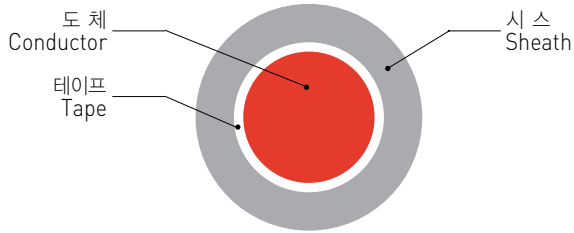
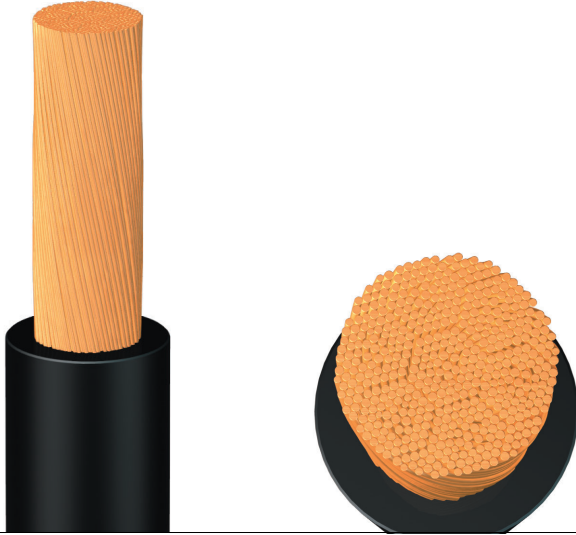
선심수 Number of Cores	도체 Conductor(Class 5)			절연 Insulation	시스 Sheath		도체저항 Max.Conductor		시험전압 Test Voltage	케이블 중량 Weight
	공칭단면적 Nominal cross- sectional area	최대소선경 Maximum	외경(약) Approx. Diameter of Wire		두께 Thickness	완성외경 Sheath Diameter	도금없음 Coated	도금있음 Non-coated		
core	mm ²	mm	mm	mm	mm	mm	Ω /km	mΩ · km	V	kg/km
1	1	0.21	1.3	0.8	1.4	6.1	19.5	20	3,500	47.5
	1.5	0.26	1.6	0.8	1.4	6.4	13.3	13.7	3,500	55.1
	2.5	0.26	2	0.8	1.4	6.8	7.98	8.21	3,500	68.5
	4	0.31	2.6	1	1.4	7.8	4.95	5.09	3,500	94.4
	6	0.31	3.1	1	1.4	8.3	3.3	3.39	3,500	116.7
	10	0.41	4.6	1	1.4	9.8	1.91	1.95	3,500	169.8
	16	0.41	5.8	1	1.4	11	1.21	1.24	3,500	234.9
	25	0.41	7.3	1.2	1.4	12.9	0.78	0.795	3,500	345.5
	35	0.41	8.6	1.2	1.4	14.2	0.554	0.565	3,500	448.9
	50	0.41	10.4	1.4	1.4	16.4	0.386	0.393	3,500	623.4
	70	0.51	12.5	1.4	1.4	18.5	0.272	0.277	3,500	839.4
	95	0.51	14.2	1.6	1.5	20.8	0.206	0.21	3,500	1,082
	120	0.51	15.8	1.6	1.5	22.4	0.161	0.164	3,500	1,298
	150	0.51	17.8	1.8	1.6	25	0.129	0.132	3,500	1,636
	185	0.51	19.9	2	1.7	27.7	0.106	0.108	3,500	2,021
	240	0.51	23.3	2.2	1.8	31.7	0.0801	0.0817	3,500	2,712
	300	0.51	26	2.4	1.9	35	0.0641	0.0654	3,500	3,345

VCT | 0.6/1KV 비닐절연 비닐 시스 캡타이어 케이블

VCT

선심수 Number of Cores	도체 Conductor(Calss 5)			절연 Insulation	시스 Sheath		도체저항 Max.Conductor		시험전압 Test Voltage	케이블 중량 Weight
	공칭단면적 Nominal cross- sectional area	최대소선경 Maximum	외경(약) Approx. Diameter of Wire		두께 Thickness	완성외경 Sheath Diameter	도금없음 Coated	도금있음 Non-coated		
core	mm ²	mm	mm	mm	mm	mm	Ω /km	Ω /km	V	kg/km
2	1	0.21	1.3	0.8	1.8	10	19.5	20	3,500	123.7
	1.5	0.26	1.6	0.8	1.8	10.6	13.3	13.7	3,500	144.4
	2.5	0.26	2	0.8	1.8	11.4	7.98	8.21	3,500	179
	4	0.31	2.6	1	1.8	13.4	4.95	5.09	3,500	253.9
	6	0.31	3.1	1	1.8	14.4	3.3	3.39	3,500	312
	10	0.41	4.6	1	1.8	17.4	1.91	1.95	3,500	464.7
	16	0.41	5.8	1	1.8	19.8	1.21	1.24	3,500	641.6
	25	0.41	7.3	1.2	1.8	23.6	0.78	0.795	3,500	948.3
	35	0.41	8.6	1.2	1.8	26.2	0.554	0.565	3,500	1,224
	50	0.41	10.4	1.4	1.9	30.8	0.386	0.393	3,500	1,720
	70	0.51	12.5	1.4	2.1	35.4	0.272	0.277	3,500	2,333
3	95	0.51	14.2	1.6	2.2	39.8	0.206	0.21	3,500	2,992
	1	0.21	1.3	0.8	1.8	10.5	19.5	20	3,500	141.3
	1.5	0.26	1.6	0.8	1.8	11.1	13.3	13.7	3,500	166.1
	2.5	0.26	2	0.8	1.8	12	7.98	8.21	3,500	211.8
	4	0.31	2.6	1	1.8	14.1	4.95	5.09	3,500	302
	6	0.31	3.1	1	1.8	15.2	3.3	3.39	3,500	378.6
	10	0.41	4.6	1	1.8	18.5	1.91	1.95	3,500	571.4
	16	0.41	5.8	1	1.8	21	1.21	1.24	3,500	794.7
	25	0.41	7.3	1.2	1.8	25.1	0.78	0.795	3,500	1,187
	35	0.41	8.6	1.2	1.8	27.9	0.554	0.565	3,500	1,547
	50	0.41	10.4	1.4	2	33.1	0.386	0.393	3,500	2,201
4	70	0.51	12.5	1.4	2.2	38	0.272	0.277	3,500	2,996
	95	0.51	14.2	1.6	2.3	42.7	0.206	0.21	3,500	3,849
	1	0.21	1.3	0.8	1.8	11.3	19.5	20	3,500	165.1
	1.5	0.26	1.6	0.8	1.8	12	13.3	13.7	3,500	196.7
	2.5	0.26	2	0.8	1.8	13	7.98	8.21	3,500	253.8
	4	0.31	2.6	1	1.8	15.4	4.95	5.09	3,500	366.9
	6	0.31	3.1	1	1.8	16.6	3.3	3.39	3,500	462.8
	10	0.41	4.6	1	1.8	20.2	1.91	1.95	3,500	698.5
	16	0.41	5.8	1	1.8	23.1	1.21	1.24	3,500	985.5
	25	0.41	7.3	1.2	1.8	27.7	0.78	0.795	3,500	1,481
	35	0.41	8.6	1.2	1.9	31	0.554	0.565	3,500	1,950
	50	0.41	10.4	1.4	2.1	36.7	0.386	0.393	3,500	2,770
	70	0.51	12.5	1.4	2.3	42.2	0.272	0.277	3,500	3,783
	95	0.51	14.2	1.6	2.5	47.7	0.206	0.21	3,500	4,892

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

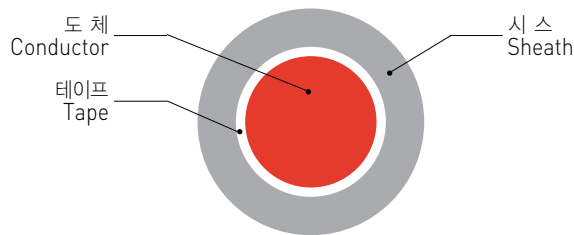
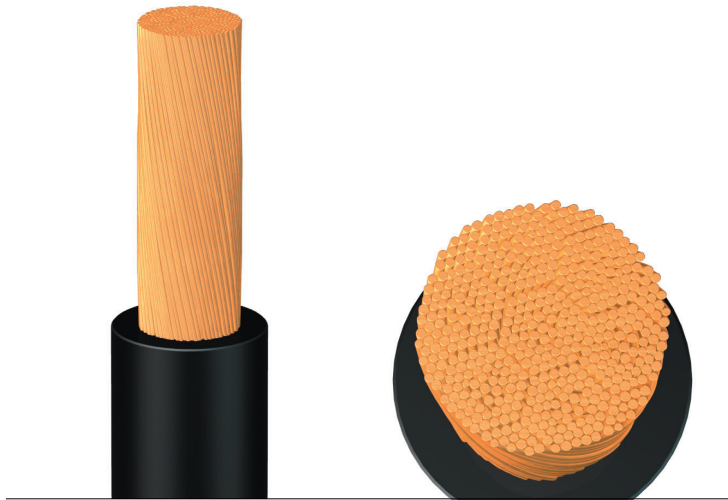
● Maximum Allowable Temperature

- 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

HFIX | 450/750V 저독성 난연 가교 폴리올레핀 절연전선

HFIX

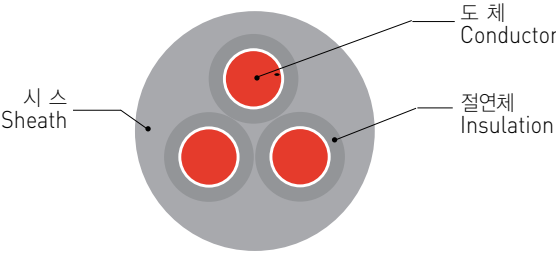
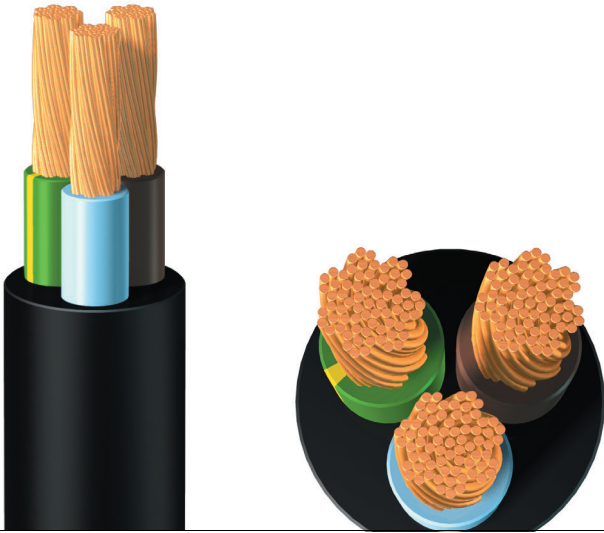
도체 Conductor			절연두께 Thickness of Insulation	시스외경Sheath Overall Diameter		도체저항 Conductor	절연저항 Insulation Resistance (70℃)	시험전압 Test Voltage	계산중량 Weight
공칭단면적 Nominal cross- sectional area	등급 Class	외경(약) Approx. Diameter		최소값 Minimum	최대값 Maximum				
sq mm	-	mm	mm	mm	mm	MΩ · km	MΩ · km	V	kg/km
1.5	1	1.5	0.7	2.6	3.3	12.1	0.011	2,500	23.2
1.5	2	1.56	0.7	2.7	3.4	12.1	0.01	2,500	21.5
2.5	1	1.9	0.8	3.2	4	7.41	0.009	2,500	35.5
2.5	2	2.01	0.8	3.3	4.1	7.41	0.009	2,500	33
4	1	2.4	0.8	3.6	4.6	4.61	0.0085	2,500	52.3
4	2	2.55	0.8	3.8	4.7	4.61	0.0077	2,500	49.1
6	1	2.9	0.8	4.1	5.2	3.08	0.007	2,500	72.7
6	2	3.12	0.8	4.3	5.4	3.08	0.0065	2,500	68.5
10	1	3.7	1	5.3	6.6	1.83	0.007	2,500	117.2
10	2	4.05	1	5.6	7	1.83	0.0065	2,500	114.7
16	2	5.1	1	6.4	8	1.15	0.005	2,500	172
25	2	6.42	1.2	8.1	10.1	0.727	0.005	2,500	269
35	2	7.56	1.2	9	11.3	0.524	0.0043	2,500	364.6
50	2	8.9	1.4	10.6	13.2	0.387	0.0043	2,500	492.5
70	2	10.7	1.4	12.1	15.1	0.268	0.0035	2,500	694.5
95	2	12.6	1.6	14.1	17.6	0.193	0.0035	2,500	958.8
120	2	14.2	1.6	15.6	19.4	0.153	0.0032	2,500	1,196.2
150	2	15.8	1.8	17.3	21.6	0.124	0.0032	2,500	1,473.3
185	2	17.6	2	19.3	24.1	0.0991	0.0032	2,500	1,841.3
240	2	20.3	2.2	22	27.5	0.0754	0.0032	2,500	2,414.2
300	2	22.7	2.4	24.5	30.6	0.0601	0.003	2,500	3,017.6

K60245 IEC 07 (XHHW/SIS) Insulated Cables | 내열성 비닐아세테이트 고무절연 전선

K60245 IEC 07 (XHHW/SIS)

도체 Conductor				절연 Insulation		도체저항 Conductor Resistance		절연저항 Insulation Resistance (20℃)	시험전압 Test Voltage	계산중량 Weight
단면적 Area Class	도체등급 Conductor Class	구성 Construction	외경 Diameter	절연두께 Insulation Thickness	절연외경 Insulation Diameter	비석도 Bare	석도 Tinned			
mm ²	-	Max./mm	mm	mm	mm	Ω /km · 20℃		MΩ · km	V/5min.	kg/km
0.5	1	/ / 0.80	0.8	0.8	2.6	36	36.7	450	3,500	10.4
0.7	1	/ / 0.98	0.98	0.8	2.78	25.4	24.8	400	3,500	13.2
1	1	/ / 1.13	1.13	0.8	2.93	18.1	18.2	400	3,500	16
1.5	1	/ / 1.38	1.38	0.8	3.18	12.1	12.2	350	3,500	21.2
2.5	1	/ / 1.78	1.78	0.9	3.78	7.41	7.56	300	3,500	32.8
4	1	/ / 2.26	2.26	1	4.46	4.61	4.7	300	3,500	50
6	1	/ / 2.76	2.76	1	4.96	3.08	3.11	250	3,500	69.6
10	1	/ / 3.57	3.57	1.2	6.17	1.83	1.84	200	3,500	113.5
1.5	2	/ 7 / 0.52	1.56	0.8	3.36	12.1	12.2	300	3,500	21.1
2.5	2	/ 7 / 0.67	2.01	0.9	4.01	7.41	7.56	300	3,500	34
4	2	/ 7 / 0.85	2.55	1	4.75	4.61	4.7	250	3,500	51.5
6	2	/ 7 / 1.04	3.12	1	5.32	3.08	3.11	200	3,500	71.8
10	2	/ 7 / 1.35	4.05	1.2	6.65	1.83	1.84	200	3,500	117.8
16	2	/ 7 / 1.70	5.1	1.2	7.7	1.15	1.16	150	3,500	176.2
25	2	/ 7 / 2.14	6.42	1.4	9.42	0.727	0.734	150	3,500	274.3
35	2	/ 7 / 2.52	7.56	1.4	10.6	0.524	0.529	130	3,500	369.2
50	2	/ 19 / 1.78	8.9	1.6	12.3	0.387	0.391	130	3,500	498.4
70	2	/ 19 / 2.14	10.7	1.6	14.1	0.238	0.27	100	3,500	701.3
95	2	/ 19 / 2.52	12.6	1.8	16.4	0.193	0.195	100	3,500	966
120	2	/ 37 / 2.03	14.2	2	18.4	0.153	0.154	100	3,500	1218.5
150	2	/ 37 / 2.25	15.8	2	20	0.124	0.126	100	3,500	1479.1
185	2	/ 37 / 2.52	17.6	2.5	22.8	0.0991	0.1	100	3,500	1877.1
240	2	/ 61 / 2.25	20.3	2.5	25.5	0.0754	0.0762	100	3,500	2429.4
300	2	/ 61 / 2.52	22.7	2.5	27.9	0.0601	0.0607	75	3,500	3013.4
0.5	5	/ 16 / 0.20	0.9	0.8	2.7	39	40.1	450	3,500	10.8
0.75	5	/ 24 / 0.20	1.1	0.8	2.9	26	26.7	400	3,500	13.8
1	5	/ 32 / 0.20	1.3	0.8	3.1	19.5	20	350	3,500	16.7
1.5	5	/ 30 / 0.25	1.6	0.8	3.4	13.3	13.7	300	3,500	22
2.5	5	/ 49 / 0.25	2	0.9	4	7.98	8.21	300	3,500	33.2
4	5	/ 55 / 0.30	2.6	1	4.8	4.95	5.09	250	3,500	50.7
6	5	/ 82 / 0.30	3.1	1	5.3	3.3	3.39	200	3,500	70.1
10	5	/ 80 / 0.40	4.1	1.2	6.7	1.91	1.95	200	3,500	117.6
16	5	7 / 18 / 0.40	6	1.2	8.6	1.21	1.24	150	3,500	182
25	5	7 / 28 / 0.40	7.2	1.4	10.2	0.78	0.795	150	3,500	276.5
35	5	7 / 39 / 0.40	8.7	1.4	11.7	0.554	0.565	130	3,500	374
50	5	19 / 21 / 0.40	10.5	1.6	13.9	0.386	0.393	100	3,500	540.3
70	5	19 / 19 / 0.50	12.5	1.6	15.9	0.272	0.277	100	3,500	743.9
95	5	19 / 25 / 0.50	14.5	1.6	17.9	0.206	0.21	100	3,500	962.5
120	5	19 / 32 / 0.50	16.5	2	20.7	0.161	0.164	100	3,500	1,246.7
150	5	19 / 40 / 0.50	18	2	22.2	0.129	0.132	100	3,500	1,532.8
185	5	37 / 25 / 0.50	20.3	2.5	25.5	0.106	0.108	100	3,500	1,897.2
240	5	37 / 33 / 0.50	23.1	2.5	28.3	0.0801	0.0817	100	3,500	2,458.7
300	5	37 / 41 / 0.50	25.9	2.5	31.1	0.0641	0.0654	75	3,500	3,020.3

60227 KS IEC 53(VCTF) | 300/500V 범용비닐 시스 코드(70℃)RoHS



- **제품의 용도**
 - 주로 옥내에서 AC 300/500V 이하의 전기, 전자, 음향기기, 조명기기 등 소형전기 기구에 사용.

- **제품의 특성**
 - 정격: 최고허용전압 300/500V, 최고허용온도 70℃
 - 선심식별(참조규격: C IEC 60227-1)

선심수	사용되는 색상
1심	청색
2심	청색, 갈색
3심	녹색/황색, 하늘색, 갈색
4심	녹색/황색, 하늘색, 갈색, 흑색
5심	녹색/황색, 하늘색, 갈색, 흑색, 흑갈색

- 적용규격: KS C IEC 60227-5

- **Application of Product**
 - This cords is widely used in electrical, electronic, sound, lighting electrical home apparatus and etc under AC 300/500V.

- **Characteritics of Porduct**
 - Rating : Volt.[max.] 300/500V
 - Temp.[max.] 70℃

No. of Core	Used Color
1Core	Sky_Blue
2Core	Sky_Blue, Brown
3Core	Green/Yellow, Sky_Blue, Brown
4Core	Green/Yellow, Sky_Blue, Brown, Black
5Core	Green/Yellow, Sky_Blue, Brown, Black, Dark_Brown

- Core identification
- Standard : KS C IEC 60502-1

60227 KS IEC 53(VCTF)

선심수 Number of Cores	도체 Conductor			절연두께 Thickness of Insulation	시스두께 Thickness of Sheath	시스외경Sheath Overall Diameter		최대도체저항 Max.Conductor		절연저항 Insulation Resistance (70℃)	케이블 중량 Weight
	도체등급 Conductor Class	최대소선경 Maximum Diameter of Wire	외경(약) Approx. Diameter			최소값 Minimum	최대값 Maximum	동선 Copper	주석도금동선 Tin-coated Copper		
core×sq mm	-	mm	mm	mm	mm	mm	mm	Ω /km	MΩ · km	MΩ · km	kg/km
2 × 0.75	5	0.21	1.1	0.6	0.8	5.7	7.2	26.0	26.7	0.011	67.5
2 × 1.0	5	0.21	1.3	0.6	0.8	5.9	7.5	19.5	20.0	0.010	73.5
2 × 1.5	5	0.26	1.6	0.7	0.8	6.8	8.6	13.3	13.7	0.010	97.9
2 × 2.5	5	0.26	2.1	0.8	1.0	8.4	10.6	7.98	8.21	0.009	148.9
3 × 0.75	5	0.21	1.1	0.6	0.8	6.0	7.6	26.0	26.7	0.011	79.7
3 × 1.0	5	0.21	1.3	0.6	0.8	6.3	8.0	19.5	20.0	0.010	87.1
3 × 1.5	5	0.26	1.6	0.7	0.8	7.4	9.4	13.3	13.7	0.010	117.4
3 × 2.5	5	0.26	2.1	0.8	1.0	9.2	11.4	7.98	8.21	0.009	179.8
4 × 0.75	5	0.21	1.1	0.6	0.8	6.6	8.3	26.0	26.7	0.011	95.0
4 × 1.0	5	0.21	1.3	0.6	0.8	7.1	9.0	19.5	20.0	0.010	104.8
4 × 1.5	5	0.26	1.6	0.7	0.8	8.4	10.5	13.3	13.7	0.010	142.3
4 × 2.5	5	0.26	2.1	0.8	1.0	10.1	12.5	7.98	8.21	0.009	219.0
5 × 0.75	5	0.21	1.1	0.6	0.8	7.4	9.3	26.0	26.7	0.011	113.7
5 × 1.0	5	0.21	1.3	0.6	0.8	7.8	9.8	19.5	20.0	0.010	125.4
5 × 1.5	5	0.26	1.6	0.7	0.8	9.3	11.6	13.3	13.7	0.010	171.7
5 × 2.5	5	0.26	2.1	0.8	1.0	11.2	13.9	7.98	8.21	0.009	265.2

Hoist Cable | 호이스트 케이블



● 제품의 용도

- 600V 이하의 호이스트(승강기) 배선 및 이동용 전기기기의 전원회로에 사용.

● 제품의 특성

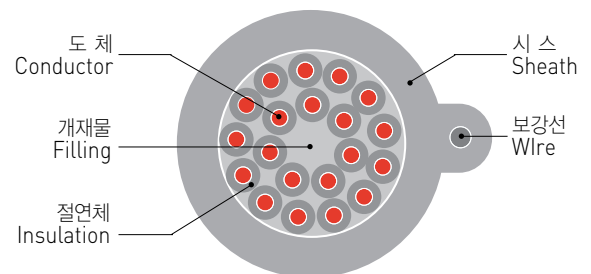
- 보강선을 부착하여 전선의 강도를 높이고 합성 고무를 배합한 PVC로 완성외피를 입혀 유연성 및 내굴곡성이 양호

● Application of Product

- The hoist wiring (typically below 600V) and the power circuit of the moving parts.

● Characteristics of Product

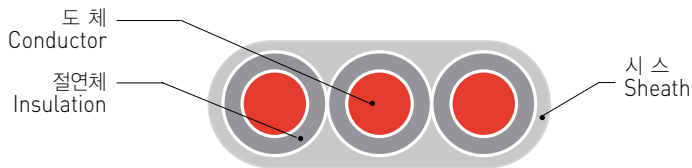
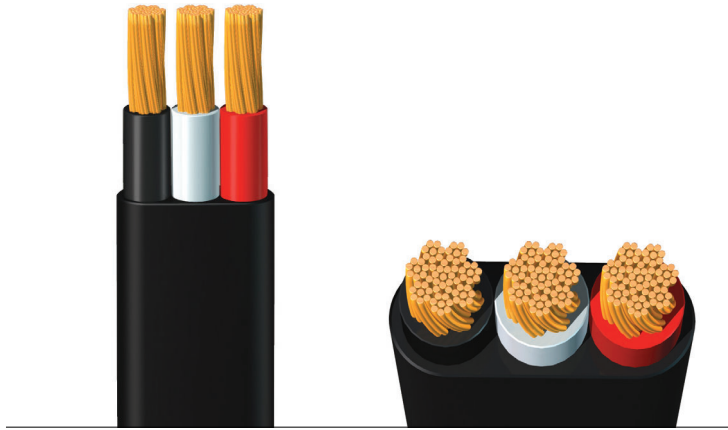
- The reinforced wire is attached to it, so the strength of it is increased, and it is sheathed by the PVC mixed with the synthetic rubber, so it has a good flexibility and bending-resistance.



Hoist Cable

선심수 Number of Cores	도체 Conductor		절연두께 Thickness of Insulation	절연외경 Insulation Overall Diameter	시스두께 Thickness of Sheath	시스외경 Sheath Overall Diameter	도체저항 Conductor Resistance (20℃) (Max.)	보강선 Messenger Wire	케이블 중량 Weight
	구 성 Composition	바깥지름 Outer Diameter							
sq mm × core	Max./mm	mm	mm	mm	mm	mm	Ω /km	mm	kg/km
1.5 × 3	0.26	1.5	0.8	3.1	2.5	11.9	13.3	2	234
1.5 × 4	0.26	1.5	0.8	3.1	2.5	12.7	13.3	2	263
1.5 × 5	0.26	1.5	0.8	3.1	2.5	13.6	13.3	2	294
1.5 × 6	0.26	1.5	0.8	3.1	2.5	14.5	13.3	2	325
1.5 × 7	0.26	1.5	0.8	3.1	2.5	15.4	13.3	2	355
1.5 × 8	0.26	1.5	0.8	3.1	2.5	16.4	13.3	2	387
1.5 × 10	0.26	1.5	0.8	3.1	2.5	18.3	13.3	2	449
1.5 × 12	0.26	1.5	0.8	3.1	2.5	20.3	13.3	2	513
1.5 × 15	0.26	1.5	0.8	3.1	2.5	23.2	13.3	2	607

VCT-F | 0.6/1KV 비닐절연 비닐 시스 캡타이어 RoHS



● 제품의 용도

- 공장, 광산, 농장 등에서 0.6/1KV 이하의 전압을 사용하는 이동용 전기기기 또는 배선용에 사용.

● 제품의 특성

- 정격: 최고허용전압 0.6/1KV, 최고허용온도 70℃
- 선심식
- 적용규격: KS C IEC 60502-1

선심수	사용되는 색상
2심	흑색, 백색
3심	흑색, 백색, 적색 또는 흑색, 백색, 녹색
4심	흑색, 백색, 적색, 녹색

● Application of Product

- This cable is generally used for connecting mobile electric apparatus under AC 0.6/1KV as power source lead wire in factory, mine area and farm.

● Characteristics of Product

- Rating : Volt.(max.) 0.6/1KV
Temp.(max.) 70℃

No. of Core	Used Color
2Core	Black, White
3Core	Black, White, Red or Black, White, Green
4Core	Black, White, Red, Green

- Core identification
- Standard : KS C IEC 60502-1

0.6/1KV VCT-F

Application Standard : IEC 60502-1

선심수 Number of Cores	도체 Conductor			절연두께 Thickness of Insulation	시스두께 Thickness of Sheath	시스외경 Sheath Overall Diameter	도체저항 Conductor Resistance (20℃) (Max.)	시험전압 Test Voltage	케이블 중량 Weight
	공칭단면적 Nominal Cross Sectional Area	구 성 Composition	바깥지름 Outer Diameter						
core	mm ²	Max./mm	mm	mm	mm	mm	Ω /km	V/5min.	kg/km
3	1	021	1.26	0.8	1.4	6.1 x 12.2	19.5	3,500	112.5
	1.5	026	1.53	0.8	1.4	6.3 x 13.0	13.3	3,500	132.5
	2.5	026	1.98	0.8	1.4	6.8 x 14.3	7.98	3,500	171.7
	4	031	2.56	1.0	1.4	7.8 x 17.3	4.95	3,500	252.7
	6	031	3.12	1.0	1.4	8.3 x 19.0	3.3	3,500	322.5
4	1	021	1.26	0.8	1.4	6.1 x 16.6	19.5	3,500	167.6
	1.5	026	1.53	0.8	1.4	6.3 x 17.7	13.3	3,500	196.1
	2.5	026	1.98	0.8	1.4	6.8 x 19.5	7.98	3,500	253.2
	4	031	2.56	1.0	1.4	7.8 x 23.4	4.95	3,500	372.6
	6	031	3.12	1.0	1.5	8.5 x 26.0	3.3	3,500	482.2
5	1	021	1.26	0.8	1.4	6.1 x 21.1	19.5	3,500	222.8
	1.5	026	1.53	0.8	1.4	6.3 x 22.5	13.3	3,500	259.8
	2.5	026	1.98	0.8	1.4	6.8 x 24.7	7.98	3,500	334.6
	4	031	2.56	1.0	1.5	8.0 x 30.0	4.95	3,500	504.3
	6	031	3.12	1.0	1.6	8.7 x 33.2	3.3	3,500	648.3

VCT-F | 0.6/1KV 비닐절연 비닐 시스 캡타이어 RoHS**0.6/1KV VCT-F**

Application Standard : IEC 60502-1

선심수 Number of Cores	도체 Conductor			절연두께 Thickness of Insulation	시스두께 Thickness of Sheath	시스외경 Sheath Overall Diameter	도체저항 Conductor Resistance (20℃) (Max.)	시험전압 Test Voltage	케이블 중량 Weight
	공칭단면적 Nominal Cross Sectional Area	구 성 Composition	바깥지름 Outer Diameter						
core	mm ²	Max./mm	mm	mm	mm	mm	Ω /km	V/5min.	kg/km
7	1	0.21	1.26	0.8	1.4	6.1 x 27.2	19.5	3,500	309.3
	1.5	0.26	1.53	0.8	1.5	6.5 x 29.5	13.3	3,500	373.4
	2.5	0.26	1.98	0.8	1.5	7.0 x 32.7	7.98	3,500	483.2
	4	0.31	2.56	1.0	1.7	8.4 x 40.3	4.95	3,500	745.9
	6	0.31	3.12	1.0	1.7	8.9 x 44.2	3.3	3,500	937.8
8	1	0.21	1.26	0.8	1.5	6.3 x 30.7	19.5	3,500	363.8
	1.5	0.26	1.53	0.8	1.5	6.5 x 32.8	13.3	3,500	425.6
	2.5	0.26	1.98	0.8	1.6	7.2 x 36.8	7.98	3,500	565.8
	4	0.31	2.56	1.0	1.7	8.4 x 45.1	4.95	3,500	854.7
	6	0.31	3.12	1.0	1.8	9.1 x 50.0	3.3	3,500	1,093.9
10	1	0.21	1.26	0.8	1.6	6.5 x 37.2	19.5	3,500	465.2
	1.5	0.26	1.53	0.8	1.6	6.7 x 39.9	13.3	3,500	544.1
	2.5	0.26	1.98	0.8	1.7	7.4 x 44.8	7.98	3,500	722.2
	4	0.31	2.56	1.0	1.9	8.8 x 55.4	4.95	3,500	1110.4
	6	0.31	3.12	1.0	2	9.5 x 61.4	3.3	3,500	1415.5
12	1	0.21	1.26	0.8	1.7	6.7 x 43.7	19.5	3,500	570.2
	1.5	0.26	1.53	0.8	1.8	7.1 x 47.4	13.3	3,500	682.8
	2.5	0.26	1.98	0.8	1.9	7.8 x 53.2	7.98	3,500	901.1
	4	0.31	2.56	1.0	2.1	9.2 x 65.7	4.95	3,500	1,377.6
	6	0.31	3.12	1.0	2.2	9.9 x 72.8	3.3	3,500	1,749.8
15	1	0.21	1.26	0.8	1.9	7.1 x 53.7	19.5	3,500	743.6
	1.5	0.26	1.53	0.8	1.9	7.3 x 57.8	13.3	3,500	867.1
	2.5	0.26	1.98	0.8	2.1	8.2 x 65.3	7.98	3,500	1,165.0
	4	0.31	2.56	1.0	2.3	9.6 x 80.8	4.95	3,500	1,773.0
	6	0.31	3.12	1.0	2.5	10.5 x 90.0	3.3	3,500	2,275.2
20	1	0.21	1.26	0.8	2.1	7.5 x 67.7	19.5	3,500	1,004.7
	1.5	0.26	1.53	0.8	2.2	7.9 x 73.4	13.3	3,500	1,195.4
	2.5	0.26	1.98	0.8	2.4	8.8 x 83.0	7.98	3,500	1,596.0
	4	0.31	2.56	1.0	2.7	10.4 x 103.5	4.95	3,500	2,453.0
	6	0.31	3.12	1.0	3	11.5 x 115.6	3.3	3,500	3,166.0

Copper Wire for Electrical Purpose | 전기용 동선

전기용 경동선 Hard-Drawn Copper Solid Wire for Electrical Purpose(H)

전기용 연동선 Annealed Copper Solid Wire for Electrical Purpose(A)

바깥지름 Outer Diameter	허용오차 Tolerance	계산단면적 Calculated Sectional Area	중량 Weight	경동선(H) - Hard Drawn Copper(H)					연동선(A) - Annealed Copper(A)				
				최대도체저항 Maximum Conductor Resistance at 20℃	최소도체저항 Minimum Conductor at 20℃	인장하중 Tensile Load	인장강도 Tensile Strength	신장율 Elongation	최대도체저항 Maximum Conductor Resistance at 20℃	최소도체저항 Minimum Conductor at 20℃	인장하중 Tensile Load	인장강도 Tensile Strength	신장율 Elongation
mm	±mm	mm ²	kg/km	Ω /km	%	kgf	kg/m ²	%	Ω /km	%	kgf	kg/m ²	%
12.00	0.06	113.1	1,000	0.1572	97.0	3,830	33.9	3.12	0.1524	100.0	2,630	25.0	35.0
10.00	0.06	78.54	698.2	0.2263	97.0	2,840	36.1	2.64	0.2195	100.0	1,960	25.0	35.0
9.00	0.06	63.62	565.6	0.2794	97.0	2,370	37.2	2.40	0.2710	100.0	1,590	25.0	35.0
8.00	0.06	50.27	446.9	0.3536	97.0	1,930	38.3	2.16	0.3430	100.0	1,260	25.0	35.0
7.00	0.06	38.48	342.1	0.4619	97.0	1,520	39.4	1.92	0.4481	100.0	1,000	25.0	35.0
6.50	0.06	33.18	295.0	0.5357	97.0	1,330	40.0	1.80	0.5196	100.0	863	26.0	30.0
6.00	0.06	28.27	251.3	0.6287	97.0	1,140	40.5	1.68	0.6099	100.0	735	26.0	30.0
5.50	0.04	23.76	211.2	0.7481	97.0	977	41.1	1.56	0.7256	100.0	618	26.0	30.0
5.00	0.04	19.64	174.6	0.905	97.0	817	41.6	1.44	0.8779	100.0	511	26.0	30.0
4.50	0.04	15.90	141.4	1.118	97.0	671	42.2	1.32	1.084	100.0	413	26.0	30.0
4.30	0.04	14.52	129.1	1.224	97.0	616	42.4	1.27	-	-	-	-	-
4.00	0.04	12.57	111.7	1.414	97.0	537	42.7	1.20	1.372	100.0	327	26.0	30.0
3.70	0.04	10.75	95.57	1.653	97.0	462	43.0	1.13	-	-	-	-	-
3.50	0.04	9.621	85.53	1.847	97.0	417	43.3	1.08	1.792	100.0	250	26.0	30.0
3.20	0.04	8.042	71.49	2.210	97.0	351	43.6	1.01	2.144	100.0	209	26.0	30.0
2.90	0.03	6.605	58.72	2.691	97.0	290	43.9	0.94	2.610	100.0	172	26.0	30.0
2.60	0.03	5.309	47.20	3.348	97.0	235	44.2	0.86	3.248	100.0	143	27.0	30.0
2.30	0.03	4.155	36.94	4.278	97.0	185	44.6	0.79	4.149	100.0	112	27.0	30.0
2.00	0.03	3.142	27.93	5.657	97.0	141	44.9	0.72	5.487	100.0	88.8	27.0	30.0
1.80	0.03	2.545	22.63	7.057	96.0	115	45.1	0.67	6.774	100.0	68.7	27.0	25.0
1.60	0.03	2.011	17.88	8.931	96.0	91.1	45.3	0.62	8.573	100.0	54.3	27.0	25.0
1.40	0.03	1.539	13.68	11.67	96.0	70.2	45.6	0.58	11.20	100.0	41.6	27.0	25.0
1.20	0.03	1.131	10.05	15.88	96.0	51.8	45.8	0.53	15.24	100.0	31.7	28.0	25.0
1.00	0.03	0.7854	6.982	22.87	96.0	36.1	46.0	0.48	21.95	100.0	22.0	28.0	25.0
0.90	0.03	0.6362	5.656	28.23	96.0	29.3	46.1	0.46	27.10	99.3	17.8	28.0	25.0
0.80	0.02	0.5027	4.469	35.73	96.0	23.2	46.2	0.43	34.30	99.3	14.1	28.0	25.0
0.70	0.02	0.3848	3.421	46.67	96.0	17.8	46.3	0.41	44.81	99.3	10.8	28.0	20.0
0.65	0.02	0.3318	2.950	54.13	96.0	15.4	46.4	0.40	51.96	99.3	9.29	28.0	20.0
0.60	0.02	0.2827	2.513	63.53	96.0	13.1	46.4	0.38	60.99	99.3	7.92	28.0	20.0
0.55	0.02	0.2376	2.112	75.59	96.0	11.0	46.5	0.37	72.56	99.3	6.65	28.0	20.0
0.50	0.01	0.19664	1.746	91.44	96.0	9.15	46.6	0.36	87.79	99.3	5.50	28.0	20.0
0.45	0.01	0.1590	1.414	113.0	96.0	7.41	46.6	0.35	109.2	99.3	-	-	20.0
0.40	0.01	0.1257	1.117	142.9	96.0	5.87	46.7	0.34	138.1	99.3	-	-	20.0
0.35	0.01	0.09621	0.8553	-	-	-	-	-	180.5	99.3	-	-	20.0
0.32	0.01	0.08042	0.7149	-	-	-	-	-	215.9	99.3	-	-	20.0
0.29	0.01	0.06605	0.5872	-	-	-	-	-	266.4	98.0	-	-	20.0
0.26	0.01	0.05309	0.4720	-	-	-	-	-	331.4	99.3	-	-	15.0
0.23	0.008	0.04155	0.3694	-	-	-	-	-	423.4	98.0	-	-	15.0
0.20	0.008	0.03142	0.2793	-	-	-	-	-	559.9	98.0	-	-	15.0
0.18	0.008	0.02545	0.2263	-	-	-	-	-	691.3	98.0	-	-	15.0
0.16	0.008	0.02011	0.1788	-	-	-	-	-	874.9	98.0	-	-	15.0
0.14	0.008	0.01539	0.1368	-	-	-	-	-	1,143	98.0	-	-	15.0
0.12	0.008	0.01131	0.1005	-	-	-	-	-	1,556	98.0	-	-	15.0
0.10	0.008	0.007854	0.06982	-	-	-	-	-	2,240	98.0	-	-	15.0

2등급 단심 및 다심 케이블용 연선

Class 2 Stranded conductors for single-core and multicore cables

Standard : KS C IEC 60228

공칭단면적 Nominal Cross-Sectional Area	도체의 최소 소선수 Minimum Number of Wires in the Conductor			최대 도체 저항 (20℃) Maximum Resistance of Conductor at 20℃	
	원형 도체(비압축) Circular Conductor	원형압축도체 Circular Compacted Conductor	선형 도체 Shaped Conductor	동 도체 Copper conductor	
				동선 Plain Wires	도금 동선 Metal-Coated Wires
mm ²	Cu	Cu	Cu	Ω /km	Ω /km
0.5	7	-	-	36.0	36.7
0.75	7	-	-	24.5	24.7
1.0	7	-	-	18.1	18.2
1.5	7	6	-	12.1	12.2
2.5	7	6	-	7.41	7.56
4	7	6	-	4.61	4.70
6	7	6	-	3.08	3.11
10	7	6	-	1.83	1.84
16	7	6	-	1.15	1.16
25	7	6	6	0.727	0.734
35	7	6	6	0.524	0.529
50	19	6	6	0.387	0.391
70	19	12	12	0.268	0.270
95	19	15	15	0.193	0.195
120	37	18	18	0.153	0.154
150	37	18	18	0.124	0.126
185	37	30	30	0.0991	0.100
240	61	34	34	0.0754	0.0762
300	61	34	34	0.0601	0.0607
400	61	53	53	0.0470	0.0475

5등급 단심 및 다심 케이블용 가요 동 도체

Class 5 Flexible copper conductors for single-core and multicore cables

Standard : KS C IEC 60228

공칭단면적 Nominal Cross-Sectional Area	도체 Conductor		최대 도체 저항 (20℃) Maximum Resistance of Conductor at 20℃	
	최대소선지름 Maximum Diameter of Wires in Conductor	바깥 지름 Outer Diameter	동 도체 Copper conductor	
			동선 Plain Wires	도금 동선 Metal-Coated Wires
mm ²	Cu	Cu	Ω /km	Ω /km
0.5	0.21	0.9	39.0	40.1
0.75	0.21	1.1	26.0	26.7
1.0	0.21	1.3	19.5	20.0
1.5	0.26	1.6	13.3	13.7
2.5	0.26	2.1	7.98	8.21
4	0.31	2.6	4.95	5.09
6	0.31	3.6	3.30	3.39
10	0.41	4.8	1.91	1.95
16	0.41	6.0	1.21	1.24
25	0.41	7.4	0.78	0.795
35	0.41	8.7	0.554	0.565
50	0.41	10.4	0.386	0.393
70	0.51	12.5	0.272	0.277
95	0.51	14.5	0.206	0.210
120	0.51	16.2	0.161	0.164
150	0.51	18.2	0.129	0.132
185	0.51	20.2	0.106	0.108
240	0.51	23.3	0.0801	0.0817
300	0.51	26.0	0.0641	0.0654
400	0.51	30.3	0.0486	0.0495

Copper Wire Gauges | 동선의 표준치수

게이지별 치수 Gauge System			지름 Diameter			계산 단면적 Calculated-Sectional Area			개산 무게 Weight	
mm	AWG	SWG	BWG	mm	mil	sq.mm	sq.in	cir,mil	kg / km	lb / 1,000ft
		11	11	3.048	120	7.296	0.1131	14400	64.86	43.588
				2.948	116	6.818	0.01057	13456	60.61	40.732
2.9				2.90	114.2	6.605	0.01024	13402	58.72	39.455
	9			2.896	114	6.585	0.01021	12996	58.54	39.338
		12	12	2.769	109	6.020	0.00933	11881	53.52	35.963
				2.642	104	5.480	0.0085	10816	48.72	32.739
2.6				2.60	102	5.309	0.00817	10404	47.20	31.713
	10			2.591	102	5.272	0.00817	10404	46.87	31.492
			13	2.413	95	4.572	0.00709	9025	40.65	27.318
		13		2.337	92	4.284	0.00665	8464	38.08	25.622
	11			2.311	91	4.196	0.0065	8281	37.30	25.076
2.3				2.30	90.6	4.155	0.00645	8208	36.94	24.820
			14	2.108	83	3.491	0.00541	6889	31.04	20.853
	12			2.057	81	3.325	0.00515	6561	29.55	19.860
		14		2.032	80	3.243	0.00503	6400	28.83	19.372
2.0				2.00	79	3.142	0.0049	6241	27.93	18.76
	13	15	15	1.828	72	2.627	0.00407	5184	23.35	15.692
1.8				1.80	71	2.545	0.00396	5041	22.63	15.208
			16	1.651	65	2.140	0.00332	4225	19.03	12.789
	14	16		1.626	64	2.075	0.00322	4096	18.45	12.398
1.6			17	1.60	63	2.011	0.00312	3969	17.88	12.015
	15			1.473	58	1.703	0.00264	3364	15.15	10.283
		17		1.448	57	1.646	0.00255	3249	14.64	9.835
1.4				1.422	56	1.589	0.00246	3136	14.13	9.493
	16			1.40	55	1.539	0.00238	3025	13.68	9.196
			18	1.295	51	1.318	0.00204	2601	11.72	7.873
		18		1.245	49	1.217	0.00189	2401	10.82	7.276
1.2				1.219	48	1.163	0.00182	2304	10.38	6.974
	17			1.20	47	1.131	0.00174	2209	10.05	6.753
			19	1.143	45	1.026	0.001590	2025	9.122	6.129
	18	19		1.067	42	0.8935	0.00139	1764	7.943	5.339
1.0	19			1.016	40	0.8107	0.00126	1600	7.207	4.843
		20		1.00	39	0.7854	0.0012	1521	6.982	4.691
0.9				0.9144	36	0.6467	0.00102	1296	5.838	3.923
			20	0.90	35.4	0.6362	0.00098	1253	5.656	3.801
	20	21	21	0.889	35	0.6207	0.00096	1225	5.518	3.708
0.8				0.8128	32	0.5189	0.0008	1024	4.613	3.098
	21			0.80	31.5	0.5027	0.00078	992	4.469	3.003
		22	22	0.7239	28.5	0.4156	0.00064	812.3	3.695	2.459
0.7				0.7112	28	0.3973	0.00062	784	3.532	2.373
0.65				0.700	27.6	0.3848	0.0006	761.8	3.421	2.229
	22			0.65	26	0.3318	0.00054	676	2.950	1.982
			23	0.6428	25.3	0.3243	0.0005	640	2.833	1.937
		23		0.635	25	0.3167	0.00049	625	2.816	1.892
0.60				0.6096	24	0.2919	0.00045	576	2.595	1.744
	23			0.600	23.6	0.2817	0.00044	557	2.513	1.689
		24	24	0.574	22.6	0.2588	0.0004	510.8	2.301	1.546
0.55				0.5888	22	0.2453	0.00038	484	2.181	1.465
	24			0.550	21.7	0.2376	0.00037	470.9	2.112	1.419
		25	25	0.5105	20.1	0.2047	0.00032	404	1.820	1.223
0.50				0.508	20	0.2021	0.00031	400	1.797	1.211
		26	26	0.500	19.7	0.1964	0.0003	388.1	1.746	1.173

Copper Wire Gauges | 동선의 표준치수

게이지별 치수 Gauge System			지름 Diameter			계산 단면적 Calculated-Sectional Area			개산 무게 Weight	
mm	AWG	SWG	BWG	mm	mil	sq.mm	sq.in	cir,mil	kg / km	lb / 1,000ft
	25			0.458	18	0.1642	0.00025	324	1.460	0.9807
				0.4547	17.9	0.1624	0.00025	320.4	1.443	0.9699
0.45				0.450	17.7	0.1590	0.00025	313.3	1.414	0.9504
		27		0.4166	16.4	0.1363	0.00021	268.9	1.212	0.8141
	26		27	0.4064	16	0.1297	0.0002	256	1.153	0.7749
				0.4039	15.9	0.1281	0.0002	252.8	1.139	0.7652
0.40				0.400	15.8	0.1257	0.0001960	249.6	1.117	0.7506
	27	28		0.3759	14.8	0.1110	0.0001720	219	0.9868	0.6630
				0.3607	14.2	0.1022	0.00016	201.6	0.9083	0.6104
			28	0.3556	14	0.09928	0.00015	196	0.8826	0.5933
0.35				0.350	13.8	0.09621	0.00015	190.4	0.8553	0.5747
		29		0.3454	13.6	0.09372	0.00015	184.9	0.8332	0.5599
	28		29	0.3302	13	0.0856	0.00013	169	0.7610	0.5115
0.32				0.320	12.6	0.08042	0.00012	158.8	0.7149	0.4805
		30		0.3150	12.4	0.0791	0.00012	153.8	0.7032	0.4654
		31		0.3048	12	0.07296	0.00011	144	0.6486	0.4359
			30	0.2946	11.6	0.06818	0.00011	136.6	0.6061	0.4073
0.29	29			0.290	11.4	0.06605	0.0001	130	0.5872	0.3946
				0.287	11.3	0.6470	0.0001	127.7	0.5752	0.3865
		32		0.2743	10.8	0.5910	0.00009161	116.6	0.5254	0.3531
0.26	30			0.260	10.2	0.05309	0.00008168	104	0.720	0.3171
		33	31	0.2540	10	0.05067	0.00007854	100	0.4505	0.3027
		34		0.2337	9.2	0.04289	0.00006648	84.64	0.3813	0.2562
0.23				0.230	9.1	0.04155	0.00006504	82.81	0.3694	0.2482
	31		32	0.2286	9	0.04105	0.00006362	81	0.3649	0.2452
				0.2261	8.9	0.04041	0.00006221	79.21	0.3568	0.2398
		35		0.2134	8.4	0.03515	0.00005542	70.56	0.3125	0.2136
	32		33	0.2032	8	0.03243	0.00005207	64	0.2884	0.1937
				0.2007	7.9	0.03161	0.00004902	62.41	0.2811	0.1889
0.20				0.200	7.9	0.03142	0.00004902	62.41	0.2793	0.1788
	33	36		0.1930	7.6	0.02927	0.00004537	57.76	0.2602	0.1748
				0.1803	7.1	0.02555	0.00003959	50.41	0.2271	0.1526
0.18				0.180	7.1	0.02545	0.00003959	50.41	0.2263	0.1521
			34	0.1778	7	0.02483	0.00003846	49	0.2207	0.1783
	34	37		0.1727	6.8	0.02348	0.00003632	46.24	0.2087	0.1400
0.16				0.160	6.3	0.02010	0.00003117	39.79	0.1788	0.1201
	35	38		0.1524	6	0.01824	0.00002827	36	0.1622	0.1090
				0.1422	5.6	0.01587	0.00002463	31.36	0.1413	0.09492
0.14				0.140	5.5	0.01539	0.00002376	30.25	0.1368	0.09196
	36	39		0.1321	5.2	0.01370	0.00002124	27.04	0.1218	0.08155
			35	0.1270	5	0.01267	0.00001964	25	0.1126	0.07567
		40		0.1219	4.8	0.01167	0.00001810	23.04	0.1038	0.06974
0.12	37			0.120	4.7	0.1131	0.00001736	22.09	0.1005	0.06762
	38	41		0.1118	4.4	0.00981	1.5E-05	19.36	0.08721	0.05860
		42	36	0.1016	4	0.00811	1.3E-05	16	0.07207	0.04843
0.10				0.1000	3.9	0.00785	1.2E-05	15.21	0.06982	0.04690
	39	43		0.0914	3.6	0.00657	1E-05	12.96	0.05838	0.03923
				0.0889	3.5	0.00621	9.6E-06	12.25	0.05518	0.03708
	40	44		0.0813	3.2	0.00519	8E-06	10.24	0.04613	0.03100
				0.07887	3.1	0.004870	7.5E-06	9.61	0.04329	0.02909

Copper Wire Gauges | 동선의 허용전류

- 450/750V 경질 클로로프렌 고무시스 유연성 케이블 (K60245 IEC 66)의 허용전류
- 450/750V Stiff chloroprene rubber sheath flexible cable allowable current

Allowable Current for Cabtyre Cables

도체 Conductor 공칭단면적 Nominal Cross-Sectional Area mm ²	허용종류 Allowable Current		
	단심(3가닥 포설) Single core	2심 2 Cores	3심, 4심 3 Cores, 4 Cores
1.5	22	26	23
2.5	30	36	32
4.0	42	49	42
6.0	55	63	54
10	77	86	75
16	105	115	100
25	141	149	127
35	176	185	158
50	216	225	192
70	279	289	246
95	342	352	298
120	400	410	346
150	464	473	399
185	533	542	456
240	634	641	538
300	736	741	621
400	868	892	745

- 주) 1. 주위온도 30℃ 일때의 수치임. 최고 허용온도 60℃
 2. 허용전류의 감소원인 주위온도 30℃ 초과시
1. Above is the value at ambient temperature 30℃.
 maximum allowable temperature 60℃.
 2. When ambient temperature is over 30℃, allowable current is decreased

Ambient temperature(주위온도)	10	15	20	25	30	35	40	45	50	55	60
Decreasing factor(감소치)	1.15	1.12	1.08	1.04	1.00	0.96	0.91	0.87	0.82	0.76	0.71

Current Carrying Capacity | 허용 전류

0.6/1KV EPR 절연 케이블 허용 전류

0.6/1KV EPR insulated cable allowable current

- 적용 규격 (Reference standard) : KS C IEC 60364-5-523
- 도체 최고 허용 온도 (Maximum conductor temperature) : 90℃
- 주위 온도 (Ambient temperature) : 30℃

공칭 단면적 Nominal Sectional Area(mm ²)	조건 Condition (No. of Cores)	단심 Single Core 3가닥 포설 3 Cable	2심 2 Cores 1가닥 포설 1 Cables	3, 4심 3, 4 Cores 1가닥 포설 1 Cables
1.5		22	26	23
2.5		30	36	32
4		42	49	42
6		55	63	54
10		77	86	75
16		105	115	100
25		141	149	127
35		176	185	158
50		216	225	192
70		279	289	246
95		342	352	298
120		400	410	346
150		464	473	399
185		533	542	456
240		634	641	538
300		736	741	621
400		868	892	745

- 주) 1. 주위온도 30℃ 일때의 수치임. 최고 허용온도 90℃
2. 허용전류의 감소원인 주위온도 30℃ 초과시

1. Above is the value at ambient temperature 30℃.
maximum allowable temperature 90℃.
2. When ambient temperature is over 30℃, allowable current is decreased

Ambient temperature(주위온도)	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80
Decreasing factor(감소치)	1.15	1.12	1.08	1.04	1.00	0.96	0.91	0.87	0.82	0.76	0.71	0.65	0.58	0.50	0.41

Current Carrying Capacity | 허용전류

기기용 전선의 허용 전류

IEC 도체 사이즈에 따른 허용전류 표

도체 : 구리 절연체 : PVC 70°C

도체 단면적(mm²)	온도에 따른 허용 전류(A)										
	10°C	15°C	20°C	25°C	30°C	35°C	40°C	45°C	50°C	55°C	60°C
1.5	30	29	28	27	25	24	22	19.75	18	15	13
2.5	41	40	38	36	34	32	30	26.86	24	21	17
4	55	53	50	48	45	42	39	35.55	32	27	23
6	70	67	64	60	57	54	50	45.03	40	35	29
10	94	90	86	82	77	72	67	60.83	55	47	39
16	124	119	114	108	102	96	89	80.58	72	62	51
25	162	156	149	141	133	125	116	105.07	94	81	67
35	199	191	183	173	163	153	142	128.77	116	99	82
50	246	236	226	214	202	190	176	159.58	143	123	101
70	301	289	277	262	247	232	215	195.13	175	151	124
95	361	346	332	314	296	278	258	233.84	210	181	148
120	415	398	381	360	340	320	296	268.6	241	207	170
150	473	454	435	411	388	365	338	306.52	275	237	194
185	537	515	493	466	440	414	383	347.6	312	268	220
240	627	601	576	545	514	484	447	406.06	365	314	257

기중 케이블의 허용전류에 적용하는 30°C 이외의 주위 온도에 대한 보정 계수

The rating factor applied at the allowable current for the aerial cable about over/below 30°C (temperature)

Ambient temperature Rating Factor	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80
	1.15	1.12	1.08	1.04	1.00	0.96	0.91	0.87	0.82	0.76	0.71	0.65	0.58	0.50	0.41

복수 회로 또는 다심 케이블 복수의 집합에 대한 감소 계수

The reduction factor about multi-circuit or assembly of multi-core cable.

배치 (케이블 밀착)	회로 또는 다심 케이블의 수											
	1	2	3	4	5	6	7	8	9	152	16	20
기중이나 벽면에 묶거나 매설 또는 수납	1.00	0.80	0.70	0.65	0.60	0.57	0.54	0.52	0.50	0.45	0.41	0.38
벽 또는 막힘형 트레이의 단일층	1.00	0.85	0.79	0.75	0.73	0.72	0.72	0.71	0.70	9개 이상의 회로나 다심 케이블인 경우 이 이상의 감소 계수는 없음		
목재 천장면 아래에 직접 고정된 단일층	0.95	0.81	0.72	0.68	0.66	0.64	0.63	0.62	0.61			
환기형 수평 또는 수직 트레이의 단일층	1.00	0.88	0.82	0.77	0.75	0.73	0.73	0.72	0.72			
사다리 지지대 또는 클리트의 단일층	1.00	0.87	0.82	0.80	0.80	0.79	0.79	0.78	0.78			

Current Carrying Capacity | 허용전류

REEL 권취 허용전류 저감율

The reduction factor of allowable current for reel winding

1) 평형 (Flat type)

내층으로 부터의 권입 층수	
1	0.74
2	0.73
3	0.72
4	0.71
5	0.71
6	0.72
7	0.72
8	0.72
9	0.80
10	0.92

2) 원형 (Round type)

권층수	층 열 수		
	1	2	3
1	1.00	0.85	0.80
2	0.85	0.80	0.75
3	0.80	0.75	0.70
4	0.75	0.70	0.65
5	0.70	0.65	0.60
6	0.65	0.65	0.62

BENDING RADIUS

Cable Type	Figure	
	Flat Type	Round Type
High Tension Cable, High Voltage Cable	HT-PNCT-F HT-PNCT-RF FC-PNCT-F FC-PNCT-RF PNCT-RF : Min. 10 × Height : Min. 15 × Height	HT-PNCT HT-PNCT-R PNCT-R : Min. 10 × Overall Diameter : Min. 15 × Overall Diameter
Festoon Cable	FC-PNCT-F : Min. 7.5 × Height	FC-PNCT : Min. 7.5 × Overall Diameter
Spreader Cable	-	SC-PNCT : Min. 7.5 × Overall Diameter

PRODUCTION & SALES

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High Tension Cable

Festoon Cable

Spreader Cable

High Voltage Cable

Welding Cables

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HFCO

LSZH

VCT

HKIV

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VCTF

Hoist Cable

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