

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

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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