0.6/1kV 가교폴리에틸렌케이블(CV)

0.6/1kV Crosslinked Polyethylene Insulated Power Cable

Applicable Standard: IEC 60502-1

선심수 No.of Cores	도체 Conductor			절연체두께 Insulation Thickness	시스두께 Sheath Thickness	완성외경 Overall Diameter	도체저항 (20℃) Conductor Resistance	시험전압 Test Voltage	개산중량 Approx Weight
	공칭단면적 Nominal Area	구성 Construction	외경 Diameter						
C	㎟	No./㎜	mm	mm	mm	mm	Ω/km	kV	kg/km
1	1.5	7/0.53	1.59	0.7	1.4	6.3	12.1	3.5	50
	2.5	7/0.67	2.01	0.7	1.4	6.7	7.41	3.5	70
	4	7/0.85	2.55	0.7	1.4	7.2	4.61	3.5	90
	6	7/1.04	3.12	0.7	1.4	7.8	3.08	3.5	110
	10	7/1.35	4.05	0.7	1.4	9.4	1.83	3.5	170
	16	원형압축	4.7	0.7	1.4	10.0	1.15	3.5	210
	25	원형압축	5.9	0.9	1.4	12.0	0.727	3.5	310
	35	원형압축	6.9	0.9	1.4	13.0	0.524	3.5	400
	50	원형압축	8.1	1.0	1.4	14.5	0.387	3.5	520
	70	원형압축	9.8	1.1	1.4	16.0	0.268	3.5	720
	95	원형압축	11.4	1.1	1.5	18.5	0.193	3.5	970
	120	원형압축	12.9	1.2	1.5	20.0	0.153	3.5	1210
	150	원형압축	14.4	1.4	1.6	22.0	0.124	3.5	1490
	185	원형압축	15.9	1.6	1.6	24.0	0.0991	3.5	1840
	240	원형압축	18.3	1.7	1.7	27.0	0.0754	3.5	2400
	300	원형압축	20.5	1.8	1.8	30.0	0.0601	3.5	2980
	400	원형압축	23.2	2.0	1.9	34.0	0.0470	3.5	3800
	500	원형압축	26.4	2.2	2.0	37.0	0.0366	3.5	4850
	630	원형압축	30.2	2.4	2.2	42.0	0.0283	3.5	6240
2	1.5	7/0.53	1.59	0.7	1.8	11.0	12.1	3.5	120
	2.5	7/0.67	2.01	0.7	1.8	12.0	7.41	3.5	150
	4	7/0.85	2.55	0.7	1.8	13.0	4.61	3.5	190
	6	7/1.04	3.12	0.7	1.8	14.0	3.08	3.5	240
	10	7/1.35	4.05	0.7	1.8	17.0	1.83	3.5	330
	16	원형압축	4.7	0.7	1.8	18.5	1.15	3.5	450
	25	원형압축	5.9	0.9	1.8	22.0	0.727	3.5	660
	35	원형압축	6.9	0.9	1.8	24.0	0.524	3.5	880
	50	원형압축	8.1	1.0	1.8	27.0	0.387	3.5	1150
	70	원형압축	9.8	1.1	1.8	31.0	0.268	3.5	1610
	95	원형압축	11.4	1.1	1.9	35.0	0.193	3.5	2170
	120	원형압축	12.9	1.2	2.0	38.0	0.153	3.5	2670
	150	원형압축	14.4	1.4	2.2	43.0	0.124	3.5	3310
	185	원형압축	15.9	1.6	2.3	47.0	0.0991	3.5	4110
	240	원형압축	18.3	1.7	2.5	53.0	0.0754	3.5	5340
	300	원형압축	20.5	1.8	2.6	58.0	0.0601	3.5	6630

•도체등급 : Class 2 (연선: Stranded, 원형: Circular, 원형압축: Compact)

선심수 No.of Cores	도체 Conductor			절연체두께 Insulation Thickness	시스두께 Sheath Thickness	완성외경 Overall Diameter	도체저항 (20℃) Conductor Resistance	시험전압 Test Voltage	개산중량 Approx Weight
	공칭단면적 Nominal Area	구성 Construction	외경 Diameter						
C	㎟	No./㎜	mm	mm	mm	mm	Ω/km	kV	kg/km
3	1.5	7/0.53	1.59	0.7	1.8	13.0	12.1	3.5	150
	2.5	7/0.67	2.01	0.7	1.8	14.0	7.41	3.5	180
	4	7/0.85	2.55	0.7	1.8	15.0	4.61	3.5	240
	6	7/1.04	3.12	0.7	1.8	16.0	3.08	3.5	310
	10	7/1.35	4.05	0.7	1.8	19.0	1.83	3.5	450
	16	원형압축	4.7	0.7	1.8	20.0	1.15	3.5	610
	25	원형압축	5.9	0.9	1.8	23.0	0.727	3.5	900
	35	원형압축	6.9	0.9	1.8	26.0	0.524	3.5	1210
	50	원형압축	8.1	1.0	1.8	29.0	0.387	3.5	1560
	70	원형압축	9.8	1.1	1.9	33.0	0.268	3.5	2200
	95	원형압축	11.4	1.1	2.0	37.0	0.193	3.5	2970
	120	원형압축	12.9	1.2	2.1	41.0	0.153	3.5	3790
	150	원형압축	14.4	1.4	2.3	45.0	0.124	3.5	4670
	185	원형압축	15.9	1.6	2.4	50.0	0.0991	3.5	5830
	240	원형압축	18.3	1.7	2.6	56.0	0.0754	3.5	7580
	300	원형압축	20.5	1.8	2.7	61.0	0.0601	3.5	9400
4	1.5	7/0.53	1.59	0.7	1.8	14.0	12.1	3.5	170
	2.5	7/0.67	2.01	0.7	1.8	15.0	7.41	3.5	220
	4	7/0.85	2.55	0.7	1.8	16.0	4.61	3.5	290
	6	7/1.04	3.12	0.7	1.8	18.0	3.08	3.5	380
	10	7/1.35	4.05	0.7	1.8	20.0	1.83	3.5	570
	16	원형압축	4.7	0.7	1.8	22.0	1.15	3.5	790
	25	원형압축	5.9	0.9	1.8	26.0	0.727	3.5	1180
	35	원형압축	6.9	0.9	1.8	28.0	0.524	3.5	1550
	50	원형압축	8.1	1.0	1.9	32.0	0.387	3.5	2060
	70	원형압축	9.8	1.1	2.0	37.0	0.268	3.5	2930
	95	원형압축	11.4	1.1	2.1	41.0	0.193	3.5	3970
	120	원형압축	12.9	1.2	2.3	45.0	0.153	3.5	4980
	150	원형압축	14.4	1.4	2.4	50.0	0.124	3.5	6130
	185	원형압축	15.9	1.6	2.6	55.0	0.0991	3.5	7660
	240	원형압축	18.3	1.7	2.8	62.0	0.0754	3.5	9960
	300	원형압축	20.5	1.8	3.0	68.0	0.0601	3.5	12380