



600V PVC 絕緣 PVC 被覆電力電纜(VV) CNS 3301、JIS C3342

單芯

導 標稱 截面積	體		絕緣 (含被覆) 厚度	完成 外徑 (約)	最大導體電阻 (20°C)		耐 電 壓	最小絕 緣電阻 (20°C)	概算 重量	標準 單長
	構成	外徑			無鍍錫	鍍錫				
—	1/1.0	1.0	2.3	5.6	22.8	23.8	1.5	50	40	300
—	1/1.2	1.2	"	5.8	15.8	16.5	"	"	45	"
—	1/1.6	1.6	"	6.2	8.92	9.29	"	"	60	"
—	1/2.0	2.0	"	6.6	5.65	5.83	"	"	85	"
—	1/2.6	2.6	2.5	7.6	3.35	3.45	"	"	105	"
—	1/3.2	3.2	2.7	8.6	2.21	2.28	"	"	140	"
2.0	7/0.6	1.8	2.3	6.4	9.24	—	1.5	50	65	300
3.5	7/0.8	2.4	"	7.0	5.20	—	"	"	85	"
5.5	7/1.0	3.0	2.5	8.0	3.33	—	"	"	115	"
8	7/1.2	3.6	2.7	9.0	2.31	—	"	"	150	"
14	7/1.6	4.8	2.9	11.0	1.30	—	2.0	40	235	"
22	7/2.0	6.0	3.1	12.5	0.824	—	"	"	335	"
30	7/2.3	6.9	3.1	13.0	0.623	—	2.0	40	410	300
38	7/2.6	7.8	3.3	14.5	0.487	—	2.5	"	515	"
50	19/1.8	9.0	"	16.0	0.378	—	"	30	625	"
60	19/2.0	10.0	"	17.0	0.303	—	"	"	750	"
80	19/2.3	11.0	3.5	18.5	0.229	—	"	"	960	"
100	19/2.6	13.0	"	20.0	0.180	—	"	"	1,270	"
125	19/2.9	14.5	3.8	23.0	0.144	—	3.0	20	1,440	300
150	37/2.3	16.1	"	24.0	0.118	—	"	"	1,760	"
200	37/2.6	18.2	4.1	27.0	0.0922	—	"	30	2,220	200
250	61/2.3	20.7	4.2	30.0	0.0722	—	"	20	2,810	"
325	61/2.6	23.4	4.5	33.0	0.0565	—	3.5	"	3,550	150
400	61/2.9	26.1	4.7	36.0	0.0454	—	"	"	4,360	"
500	61/3.2	28.8	5.0	39.0	0.0373	—	"	"	5,290	100



2 芯(圓形)

CNS 3301, JIS C3342

導體			絕緣 厚度	被覆 厚度	完成 外徑 (約)	最大導體電阻 (20°C)		耐 電 壓	最小絕 緣電阻 (20°C)	概算 重量
標稱 截面積	構成	外徑				無鍍錫	鍍錫			
—	1/1.0	1.0	0.8	1.5	8.7	23.3	23.33	1.5	50	85
—	1/1.2	1.2	"	"	9.1	16.1	16.2	"	"	95
—	1/1.6	1.6	"	"	9.9	9.10	9.11	"	"	130
—	1/2.0	2.0	"	"	11.0	5.76	5.77	"	"	160
—	1/2.6	2.6	1.0	"	13.0	3.42	3.42	"	"	240
—	1/3.2	3.2	1.2	"	15.0	2.25	2.25	"	"	335
2.0	7/0.6	1.8	0.8	1.5	10.5	9.42	—	1.5	50	135
3.5	7/0.8	2.4	"	"	11.5	5.30	—	"	"	180
5.5	7/1.0	3.0	1.0	"	13.0	3.40	—	"	"	260
8	7/1.2	3.6	1.2	"	15.5	2.36	—	"	"	360
14	7/1.6	4.8	1.4	"	19.0	1.33	—	2.0	40	555
22	7/2.0	6.0	1.6	1.6	23.0	0.840	—	"	"	815
30	7/2.3	6.9	1.6	1.6	24.0	0.635	—	2.0	40	935
38	7/2.6	7.8	1.8	1.7	27.0	0.497	—	2.5	"	1,250
50	19/1.8	9.0	"	1.8	29.0	0.386	—	"	30	1,520
60	19/2.0	10.0	"	1.9	32.0	0.309	—	"	"	1,820
80	19/2.3	11.5	2.0	2.0	36.0	0.234	—	"	"	2,360
100	19/2.6	13.0	"	2.2	39.0	0.184	—	"	"	2,900
125	19/2.9	14.5	2.2	2.3	43.0	0.147	—	3.0	20	3,550
150	37/2.3	16.1	"	2.5	47.0	0.120	—	"	"	4,100
200	37/2.6	18.2	2.4	2.7	52.0	0.0940	—	"	20	5,170
250	61/2.3	20.7	"	2.9	58.0	0.0736	—	"	"	6,530
325	61/2.6	23.4	2.6	3.1	64.0	0.0576	—	"	"	8,230



3 芯(圓形)

CNS 3301 , JIS C3342

導 體			絕緣 厚度	被覆 厚度	完成 外徑 (約)	最大導體電阻 (20°C)		耐 電 壓	最小絕 緣電阻 (20°C)	概算 重量
標稱 截面積	構成	外徑				無鍍錫	鍍錫			
mm ²	No./mm	mm				Ω/km	Ω/km			
—	1/1.0	1.0	0.8	1.5	9.1	23.3	23.33	1.5	50	100
—	1/1.2	1.2	"	"	9.5	16.1	16.2	"	"	120
—	1/1.6	1.6	"	"	10.5	9.10	9.11	"	"	155
—	1/2.0	2.0	"	"	11.5	5.76	5.77	"	"	200
—	1/2.6	2.6	1.0	"	13.5	3.42	3.42	"	"	305
—	1/3.2	3.2	1.2	"	16.0	2.25	2.25	"	"	435
2.0	7/0.6	1.8	0.8	1.5	11.0	9.42	—	1.5	50	165
3.5	7/0.8	2.4	"	"	12.5	5.30	—	"	"	235
5.5	7/1.0	3.0	1.0	"	14.5	3.40	—	"	"	335
8	7/1.2	3.6	1.2	"	16.5	2.36	—	"	"	465
14	7/1.6	4.8	1.4	"	20.0	1.33	—	2.0	40	740
22	7/2.0	6.0	1.6	1.6	24.	0.84	—	"	"	1,070
30	7/2.3	6.9	1.6	1.7	26.0	0.635	—	2.0	40	1,340
38	7/2.6	7.8	1.8	1.8	29.0	0.497	—	2.5	"	1,690
50	19/1.8	9.0	"	1.9	31.0	0.386	—	"	30	2,090
60	19/2.0	10.0	"	2.0	34.0	0.309	—	"	"	2,480
80	19/2.3	11.0	2.0	2.1	38.0	0.234	—	"	"	3,250
100	19/2.6	13.0	"	2.3	42.0	0.184	—	"	"	3,990
125	19/2.9	14.5	2.2	2.4	46.0	0.147	—	3.0	20	4,910
150	37/2.3	16.1	"	2.6	50.0	0.120	—	"	"	5,810
200	37/2.6	18.2	2.4	2.8	56.0	0.094	—	"	"	7,330
250	61/2.3	20.7	"	3.0	62.0	0.0736	—	"	"	9,300
325	61/2.6	23.4	2.6	3.3	70.0	0.0576	—	"	"	11,780



3 芯(圓形)

CNS 3301, JIS C3342

導 體			絕緣 厚度	被覆 厚度	完成 外徑 (約)	最大導體電阻 (20°C)		耐 電 壓	最小絕 緣電阻 (20°C)	概算 重量
標稱 截面積	構成	外徑				無鍍錫	鍍錫			
—	1/1.0	1.0	0.8	1.5	9.1	23.3	23.33	1.5	50	100
—	1/1.2	1.2	"	"	9.5	16.1	16.2	"	"	120
—	1/1.6	1.6	"	"	10.5	9.10	9.11	"	"	155
—	1/2.0	2.0	"	"	11.5	5.76	5.77	"	"	200
—	1/2.6	2.6	1.0	"	13.5	3.42	3.42	"	"	305
—	1/3.2	3.2	1.2	"	16.0	2.25	2.25	"	"	435
2.0	7/0.6	1.8	0.8	1.5	11.0	9.42	—	1.5	50	165
3.5	7/0.8	2.4	"	"	12.5	5.30	—	"	"	235
5.5	7/1.0	3.0	1.0	"	14.5	3.40	—	"	"	335
8	7/1.2	3.6	1.2	"	16.5	2.36	—	"	"	465
14	7/1.6	4.8	1.4	"	20.0	1.33	—	2.0	40	740
22	7/2.0	6.0	1.6	1.6	24.	0.84	—	"	"	1,070
30	7/2.3	6.9	1.6	1.7	26.0	0.635	—	2.0	40	1,340
38	7/2.6	7.8	1.8	1.8	29.0	0.497	—	2.5	"	1,690
50	19/1.8	9.0	"	1.9	31.0	0.386	—	"	30	2,090
60	19/2.0	10.0	"	2.0	34.0	0.309	—	"	"	2,480
80	19/2.3	11.0	2.0	2.1	38.0	0.234	—	"	"	3,250
100	19/2.6	13.0	"	2.3	42.0	0.184	—	"	"	3,990
125	19/2.9	14.5	2.2	2.4	46.0	0.147	—	3.0	20	4,910
150	37/2.3	16.1	"	2.6	50.0	0.120	—	"	"	5,810
200	37/2.6	18.2	2.4	2.8	56.0	0.094	—	"	"	7,330
250	61/2.3	20.7	"	3.0	62.0	0.0736	—	"	"	9,300
325	61/2.6	23.4	2.6	3.3	70.0	0.0576	—	"	"	11,780



4 芯(圓形)

CNS 3301 , JIS C3342

導體			絕緣厚度	被覆厚度	完成外徑(約)	最大導體電阻(20°C)		耐電壓	最小絕緣電阻(20°C)	概算重量
標稱截面積	構成	外徑				無鍍錫	鍍錫			
mm ²	No./mm	mm	mm	mm	mm	Ω/km	Ω/km	KV/1 分	MΩ-km	Kg/km
—	1/1.0	1.0	0.8	1.5	9.8	23.3	23.33	1.5	50	125
—	1/1.2	1.2	"	"	10.5	16.1	16.20	"	"	145
—	1/1.6	1.6	"	"	11.5	9.10	9.11	"	"	190
—	1/2.0	2.0	"	"	12.5	5.76	5.77	"	"	250
—	1/2.6	2.6	1.0	"	15.0	3.42	3.42	"	"	385
—	1/3.2	3.2	1.2	"	17.0	2.25	2.25	"	"	550
2.0	7/0.6	1.8	0.8	1.5	12.0	9.42	—	1.5	50	200
3.5	7/0.8	2.4	"	"	13.5	5.30	—	"	"	290
5.5	7/1.0	3.0	1.0	"	16.0	3.40	—	"	"	420
8	7/1.2	3.6	1.2	"	18.0	2.36	—	"	"	590
14	7/1.6	4.8	1.4	1.6	22.0	1.33	—	2.0	40	945
22	7/2.0	6.0	1.6	1.7	27.0	0.840	—	"	"	1,390
30	7/2.3	6.9	1.6	1.8	29.0	0.635	—	2.0	40	1,720
38	7/2.6	7.8	1.8	1.9	32.0	0.497	—	2.5	"	2,180
50	19/1.8	9.0	"	2.0	35.0	0.386	—	"	30	2,690
60	19/2.0	10.0	"	2.1	38.0	0.309	—	"	"	3,210
80	19/2.3	11.0	2.0	2.3	42.0	0.234	—	"	"	4,200
100	19/2.6	13.0	"	2.5	47.0	0.184	—	"	"	5,200
125	19/2.9	14.5	2.2	2.6	51.0	0.147	—	3.0	20	6,380
150	37/2.3	16.1	"	2.8	56.0	0.120	—	"	"	7,550
200	37/2.6	18.2	2.4	3.0	62.0	0.0940	—	"	"	9,600
250	61/2.3	20.7	"	3.3	70.0	0.0736	—	"	"	12,200
325	61/2.6	23.4	2.6	3.6	78.0	0.0576	—	"	"	15,500