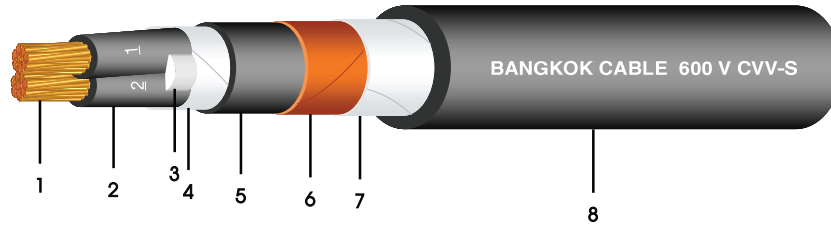


600 V CVV-S

2-48 CORES - POLYVINYL CHLORIDE FLEXIBLE CONTROL CABLE WITH SHIELD



Construction

1. Conductor : Bunched stranded annealed copper
2. Insulation : Polyvinyl chloride (PVC), Black colour with marking number on the surface of insulation
3. Filler : Polypropylene (Non-hygroscopic material)
4. Binding tape : Polyester tape
5. Inner sheath : Polyvinyl chloride (PVC), Black colour
6. Shield : Annealed copper tape
7. Binding tape : Polyester tape
8. Outer sheath : Polyvinyl chloride (PVC), Black colour

Reference Standard :

BCC's Standard

Classification

- Maximum conductor temperature : 70°C
Maximum circuit voltage : 600 V
AC test voltage : 2,000 V

Application

For supervisory electrical equipment, station control circuits, outdoor, suitable installation in dry or wet cable trenches.

No. of core	Conductor			Thickness of insulation mm (Nominal)	Thickness of inner sheath mm (Approx.)	Thickness of outer sheath mm (Nominal)	Overall diameter mm (Approx.)	DC. conductor resistance at 20°C Ω/km (Max.)	Insulation resistance at 20°C MΩ.km (Min.)	Cable weight kg/km (Approx.)	Standard length m/drum
	Cross-sectional area mm ²	Dia. of wires mm (Max.)	Diameter mm (Approx.)								
2	0.5	0.21	0.92	0.6	1.0	0.9	9.5	39.0	50	110	500
	0.75	0.21	1.13	0.6	1.0	1.2	10.5	26.0	50	140	500
	1	0.21	1.31	0.6	1.0	1.2	11.0	19.5	50	150	500
	1.5	0.26	1.58	0.6	1.0	1.2	11.5	13.3	50	170	500
	2.5	0.26	2.04	0.7	1.0	1.2	13.0	7.98	50	220	500
	4	0.31	2.59	0.8	1.0	1.2	14.5	4.95	50	290	500
3	6	0.31	3.60	0.8	1.0	1.4	17.0	3.30	50	390	500
	0.5	0.21	0.92	0.6	1.0	1.2	10.5	39.0	50	140	500
	0.75	0.21	1.13	0.6	1.0	1.2	11.0	26.0	50	150	500
	1	0.21	1.31	0.6	1.0	1.2	11.5	19.5	50	170	500
	1.5	0.26	1.58	0.6	1.0	1.2	12.0	13.3	50	190	500
	2.5	0.26	2.04	0.7	1.0	1.2	13.5	7.98	50	260	500
4	4	0.31	2.59	0.8	1.0	1.2	15.0	4.95	50	340	500
	6	0.31	3.60	0.8	1.0	1.4	17.5	3.30	50	470	500

600 V CVV-S

No. of core	Conductor			Thickness of insulation mm (Nominal)	Thickness of inner sheath mm (Approx.)	Thickness of outer sheath mm (Nominal)	Overall diameter mm (Approx.)	DC. conductor resistance at 20°C Ω /km (Max.)	Insulation resistance at 20°C MΩ.km (Min.)	Cable weight kg/km (Approx.)	Standard length m/drum
	Cross- sectional area mm ²	Dia. of wires mm (Max.)	Diameter mm (Approx.)								
4	0.5	0.21	0.92	0.6	1.0	1.2	11.0	39.0	50	160	500
	0.75	0.21	1.13	0.6	1.0	1.2	11.5	26.0	50	180	500
	1	0.21	1.31	0.6	1.0	1.2	12.0	19.5	50	190	500
	1.5	0.26	1.58	0.6	1.0	1.2	12.5	13.3	50	230	500
	2.5	0.26	2.04	0.7	1.0	1.2	14.5	7.98	50	310	500
	4	0.31	2.59	0.8	1.0	1.4	16.5	4.95	50	430	500
5	6	0.31	3.60	0.8	1.0	1.4	19.0	3.30	50	570	500
	0.5	0.21	0.92	0.6	1.0	1.2	11.5	39.0	50	180	500
	0.75	0.21	1.13	0.6	1.0	1.2	12.0	26.0	50	200	500
	1	0.21	1.31	0.6	1.0	1.2	12.5	19.5	50	230	500
	1.5	0.26	1.58	0.6	1.0	1.2	13.5	13.3	50	270	500
	2.5	0.26	2.04	0.7	1.0	1.4	16.0	7.98	50	380	500
6	4	0.31	2.59	0.8	1.0	1.4	18.0	4.95	50	510	500
	6	0.31	3.60	0.8	1.0	1.4	20.5	3.30	50	690	500
	0.5	0.21	0.92	0.6	1.0	1.2	12.5	39.0	50	190	500
	0.75	0.21	1.13	0.6	1.0	1.2	13.0	26.0	50	220	500
	1	0.21	1.31	0.6	1.0	1.2	13.5	19.5	50	240	500
	1.5	0.26	1.58	0.6	1.0	1.2	14.5	13.3	50	290	500
7	2.5	0.26	2.04	0.7	1.0	1.4	17.0	7.98	50	410	500
	4	0.31	2.59	0.8	1.0	1.4	19.0	4.95	50	560	500
	6	0.31	3.60	0.8	1.0	1.4	22.0	3.30	50	750	500
	0.5	0.21	0.92	0.6	1.0	1.2	12.5	39.0	50	190	500
	0.75	0.21	1.13	0.6	1.0	1.2	13.0	26.0	50	220	500
	1	0.21	1.31	0.6	1.0	1.2	13.5	19.5	50	250	500
8	1.5	0.26	1.58	0.6	1.0	1.2	14.5	13.3	50	300	500
	2.5	0.26	2.04	0.7	1.0	1.4	17.0	7.98	50	460	500
	4	0.31	2.59	0.8	1.0	1.4	19.0	4.95	50	590	500
	6	0.31	3.60	0.8	1.0	1.4	22.0	3.30	50	800	500
	0.5	0.21	0.92	0.6	1.0	1.2	13.0	39.0	50	210	500
	0.75	0.21	1.13	0.6	1.0	1.2	14.0	26.0	50	250	500
9	1	0.21	1.31	0.6	1.0	1.2	14.5	19.5	50	280	500
	1.5	0.26	1.58	0.6	1.0	1.4	15.5	13.3	50	350	500
	2.5	0.26	2.04	0.7	1.0	1.4	18.0	7.98	50	480	500
	4	0.31	2.59	0.8	1.0	1.4	20.5	4.95	50	670	500
	6	0.31	3.60	0.8	1.0	1.4	24.0	3.30	50	900	500
	0.5	0.21	0.92	0.6	1.0	1.2	14.0	39.0	50	230	500
	0.75	0.21	1.13	0.6	1.0	1.2	14.5	26.0	50	270	500
	1	0.21	1.31	0.6	1.0	1.4	15.5	19.5	50	320	500
	1.5	0.26	1.58	0.6	1.0	1.4	16.5	13.3	50	390	500
	2.5	0.26	2.04	0.7	1.0	1.4	19.0	7.98	50	540	500
	4	0.31	2.59	0.8	1.0	1.4	22.0	4.95	50	750	500
	6	0.31	3.60	0.8	1.0	1.4	25.5	3.30	50	1,010	500

600 V CVV-S

No. of core	Conductor			Thickness of insulation mm (Nominal)	Thickness of inner sheath mm (Approx.)	Thickness of outer sheath mm (Nominal)	Overall diameter mm (Approx.)	DC. conductor resistance at 20°C Ω /km (Max.)	Insulation resistance at 20°C MΩ.km (Min.)	Cable weight kg/km (Approx.)	Standard length m/drum
	Cross- sectional area mm ²	Dia. of wires mm (Max.)	Diameter mm (Approx.)								
10	0.5	0.21	0.92	0.6	1.0	1.2	14.5	39.0	50	250	500
	0.75	0.21	1.13	0.6	1.0	1.4	16.0	26.0	50	310	500
	1	0.21	1.31	0.6	1.0	1.4	16.5	19.5	50	350	500
	1.5	0.26	1.58	0.6	1.0	1.4	17.5	13.3	50	420	500
	2.5	0.26	2.04	0.7	1.0	1.4	20.5	7.98	50	580	500
	4	0.31	2.59	0.8	1.0	1.4	23.5	4.95	50	810	500
	6	0.31	3.60	0.8	1.0	1.8	28.5	3.30	50	1,160	500
11	0.5	0.21	0.92	0.6	1.0	1.2	15.0	39.0	50	270	500
	0.75	0.21	1.13	0.6	1.0	1.4	16.5	26.0	50	330	500
	1	0.21	1.31	0.6	1.0	1.4	17.0	19.5	50	380	500
	1.5	0.26	1.58	0.6	1.0	1.4	18.0	13.3	50	450	500
	2.5	0.26	2.04	0.7	1.0	1.4	21.0	7.98	50	640	500
	4	0.31	2.59	0.8	1.0	1.4	24.0	4.95	50	890	500
	6	0.31	3.60	0.8	1.0	1.8	29.5	3.30	50	1,270	500
12	0.5	0.21	0.92	0.6	1.0	1.2	15.0	39.0	50	280	500
	0.75	0.21	1.13	0.6	1.0	1.4	16.5	26.0	50	340	500
	1	0.21	1.31	0.6	1.0	1.4	17.0	19.5	50	390	500
	1.5	0.26	1.58	0.6	1.0	1.4	18.0	13.3	50	470	500
	2.5	0.26	2.04	0.7	1.0	1.4	21.0	7.98	50	660	500
	4	0.31	2.59	0.8	1.0	1.4	24.0	4.95	50	930	500
	6	0.31	3.60	0.8	1.0	1.8	29.5	3.30	50	1,320	500
13	0.5	0.21	0.92	0.6	1.0	1.4	16.0	39.0	50	310	500
	0.75	0.21	1.13	0.6	1.0	1.4	28.0	26.0	50	370	500
	1	0.21	1.31	0.6	1.0	1.4	17.5	19.5	50	420	500
	1.5	0.26	1.58	0.6	1.0	1.4	19.0	13.3	50	510	500
	2.5	0.26	2.04	0.7	1.0	1.4	22.0	7.98	50	720	500
	4	0.31	2.59	0.8	1.0	1.4	25.5	4.95	50	1,010	500
	6	0.31	3.60	0.8	1.0	1.8	30.5	3.30	50	1,440	500
14	0.5	0.21	0.92	0.6	1.0	1.4	16.0	39.0	50	320	500
	0.75	0.21	1.13	0.6	1.0	1.4	17.0	26.0	50	370	500
	1	0.21	1.31	0.6	1.0	1.4	17.5	19.5	50	430	500
	1.5	0.26	1.58	0.6	1.0	1.4	19.0	13.3	50	520	500
	2.5	0.26	2.04	0.7	1.0	1.4	22.0	7.98	50	740	500
	4	0.31	2.59	0.8	1.0	1.4	25.5	4.95	50	1,050	500
	6	0.31	3.60	0.8	1.0	1.8	30.5	3.30	50	1,490	500
15	0.5	0.21	0.92	0.6	1.0	1.4	16.5	39.0	50	340	500
	0.75	0.21	1.13	0.6	1.0	1.4	17.5	26.0	50	400	500
	1	0.21	1.31	0.6	1.0	1.4	18.5	19.5	50	460	500
	1.5	0.26	1.58	0.6	1.0	1.4	19.5	13.3	50	560	500
	2.5	0.26	2.04	0.7	1.0	1.4	23.0	7.98	50	800	500
	4	0.31	2.59	0.8	1.0	1.8	27.5	4.95	50	1,190	500
	6	0.31	3.60	0.8	1.0	1.8	32.0	3.30	50	1,630	500

600 V CVV-S

No. of core	Conductor			Thickness of insulation mm (Nominal)	Thickness of inner sheath mm (Approx.)	Thickness of outer sheath mm (Nominal)	Overall diameter mm (Approx.)	DC. conductor resistance at 20°C Ω /km (Max.)	Insulation resistance at 20°C MΩ.km (Min.)	Cable weight kg/km (Approx.)	Standard length m/drum
	Cross- sectional area mm ²	Dia. of wires mm (Max.)	Diameter mm (Approx.)								
16	0.5	0.21	0.92	0.6	1.0	1.4	16.5	39.0	50	350	500
	0.75	0.21	1.13	0.6	1.0	1.4	17.5	26.0	50	410	500
	1	0.21	1.31	0.6	1.0	1.4	18.5	19.5	50	470	500
	1.5	0.26	1.58	0.6	1.0	1.4	19.5	13.3	50	580	500
	2.5	0.26	2.04	0.7	1.0	1.4	23.0	7.98	50	820	500
	4	0.31	2.59	0.8	1.0	1.8	27.5	4.95	50	1,230	500
	6	0.31	3.60	0.8	1.0	1.8	32.0	3.30	50	1,680	500
17	0.5	0.21	0.92	0.6	1.0	1.4	17.5	39.0	50	370	500
	0.75	0.21	1.13	0.6	1.0	1.4	18.5	26.0	50	440	500
	1	0.21	1.31	0.6	1.0	1.4	19.0	19.5	50	510	500
	1.5	0.26	1.58	0.6	1.0	1.4	20.5	13.3	50	620	500
	2.5	0.26	2.04	0.7	1.0	1.4	24.0	7.98	50	890	500
	4	0.31	2.59	0.8	1.0	1.8	28.5	4.95	50	1,330	500
	6	0.31	3.60	0.8	1.0	1.8	34.0	3.30	50	1,810	500
18	0.5	0.21	0.92	0.6	1.0	1.4	17.5	39.0	50	380	500
	0.75	0.21	1.13	0.6	1.0	1.4	18.5	26.0	50	450	500
	1	0.21	1.31	0.6	1.0	1.4	19.0	19.5	50	520	500
	1.5	0.26	1.58	0.6	1.0	1.4	20.5	13.3	50	630	500
	2.5	0.26	2.04	0.7	1.0	1.4	24.0	7.98	50	910	500
	4	0.31	2.59	0.8	1.0	1.8	28.5	4.95	50	1,360	500
	6	0.31	3.60	0.8	1.0	1.8	34.0	3.30	50	1,870	500
19	0.5	0.21	0.92	0.6	1.0	1.4	17.5	39.0	50	380	500
	0.75	0.21	1.13	0.6	1.0	1.4	18.5	26.0	50	460	500
	1	0.21	1.31	0.6	1.0	1.4	19.0	19.5	50	530	500
	1.5	0.26	1.58	0.6	1.0	1.4	20.5	13.3	50	650	500
	2.5	0.26	2.04	0.7	1.0	1.4	24.0	7.98	50	930	500
	4	0.31	2.59	0.8	1.0	1.8	28.5	4.95	50	1,390	500
	6	0.31	3.60	0.8	1.0	1.8	34.0	3.30	50	1,920	500
20	0.5	0.21	0.92	0.6	1.0	1.4	18.0	39.0	50	410	500
	0.75	0.21	1.13	0.6	1.0	1.4	19.0	26.0	50	490	500
	1	0.21	1.31	0.6	1.0	1.4	20.0	19.5	50	560	500
	1.5	0.26	1.58	0.6	1.0	1.4	21.5	13.3	50	690	500
	2.5	0.26	2.04	0.7	1.0	1.4	25.0	7.98	50	1,000	500
	4	0.31	2.59	0.8	1.0	1.8	30.0	4.95	50	1,500	500
	6	0.31	3.60	0.8	1.0	1.8	35.5	3.30	50	2,060	500
21	0.5	0.21	0.92	0.6	1.0	1.4	18.0	39.0	50	410	500
	0.75	0.21	1.13	0.6	1.0	1.4	19.0	26.0	50	490	500
	1	0.21	1.31	0.6	1.0	1.4	20.0	19.5	50	570	500
	1.5	0.26	1.58	0.6	1.0	1.4	21.5	13.3	50	700	500
	2.5	0.26	2.04	0.7	1.0	1.4	25.0	7.98	50	1,020	500
	4	0.31	2.59	0.8	1.0	1.8	30.0	4.95	50	1,520	500
	6	0.31	3.60	0.8	1.0	1.8	35.5	3.30	50	2,100	500

600 V CVV-S

No. of core	Conductor			Thickness of insulation mm (Nominal)	Thickness of inner sheath mm (Approx.)	Thickness of outer sheath mm (Nominal)	Overall diameter mm (Approx.)	DC. conductor resistance at 20°C Ω /km (Max.)	Insulation resistance at 20°C MΩ.km (Min.)	Cable weight kg/km (Approx.)	Standard length m/drum
	Cross- sectional area mm ²	Dia. of wires mm (Max.)	Diameter mm (Approx.)								
22	0.5	0.21	0.92	0.6	1.0	1.4	18.5	39.0	50	440	500
	0.75	0.21	1.13	0.6	1.0	1.4	20.0	26.0	50	530	500
	1	0.21	1.31	0.6	1.0	1.4	21.0	19.5	50	610	500
	1.5	0.26	1.58	0.6	1.0	1.4	22.5	13.3	50	760	500
	2.5	0.26	2.04	0.7	1.0	1.8	27.0	7.98	50	1,150	500
	4	0.31	2.59	0.8	1.0	1.8	31.5	4.95	50	1,640	500
	6	0.31	3.60	0.8	1.0	1.8	37.0	3.30	50	2,260	500
23	0.5	0.21	0.92	0.6	1.0	1.4	18.5	39.0	50	440	500
	0.75	0.21	1.13	0.6	1.0	1.4	20.0	26.0	50	530	500
	1	0.21	1.31	0.6	1.0	1.4	21.0	19.5	50	610	500
	1.5	0.26	1.58	0.6	1.0	1.4	22.5	13.3	50	760	500
	2.5	0.26	2.04	0.7	1.0	1.8	27.0	7.98	50	1,150	500
	4	0.31	2.59	0.8	1.0	1.8	31.5	4.95	50	1,650	500
	6	0.31	3.60	0.8	1.0	1.8	37.0	3.30	50	2,280	500
24	0.5	0.21	0.92	0.6	1.0	1.4	19.5	39.0	50	460	500
	0.75	0.21	1.13	0.6	1.0	1.4	21.0	26.0	50	550	500
	1	0.21	1.31	0.6	1.0	1.4	22.0	19.5	50	640	500
	1.5	0.26	1.58	0.6	1.0	1.4	23.5	13.3	50	790	500
	2.5	0.26	2.04	0.7	1.0	1.8	28.5	7.98	50	1,200	500
	4	0.31	2.59	0.8	1.0	1.8	33.0	4.95	50	1,720	500
	6	0.31	3.60	0.8	1.2	2.2	40.5	3.30	50	2,490	500
25	0.5	0.21	0.92	0.6	1.0	1.4	20.0	39.0	50	490	500
	0.75	0.21	1.13	0.6	1.0	1.4	21.0	26.0	50	580	500
	1	0.21	1.31	0.6	1.0	1.4	22.5	19.5	50	670	500
	1.5	0.26	1.58	0.6	1.0	1.4	24.0	13.3	50	840	500
	2.5	0.26	2.04	0.7	1.0	1.8	29.0	7.98	50	1,270	500
	4	0.31	2.59	0.8	1.0	1.8	34.0	4.95	50	1,820	500
	6	0.31	3.60	0.8	1.2	2.2	41.5	3.30	50	2,630	400
26	0.5	0.21	0.92	0.6	1.0	1.4	20.0	39.0	50	490	500
	0.75	0.21	1.13	0.6	1.0	1.4	21.0	26.0	50	590	500
	1	0.21	1.31	0.6	1.0	1.4	22.5	19.5	50	680	500
	1.5	0.26	1.58	0.6	1.0	1.4	24.0	13.3	50	850	500
	2.5	0.26	2.04	0.7	1.0	1.8	29.0	7.98	50	1,290	500
	4	0.31	2.59	0.8	1.0	1.8	34.0	4.95	50	1,860	500
	6	0.31	3.60	0.8	1.2	2.2	41.5	3.30	50	2,680	400
27	0.5	0.21	0.92	0.6	1.0	1.4	20.0	39.0	50	500	500
	0.75	0.21	1.13	0.6	1.0	1.4	21.0	26.0	50	600	500
	1	0.21	1.31	0.6	1.0	1.4	22.5	19.5	50	690	500
	1.5	0.26	1.58	0.6	1.0	1.4	24.0	13.3	50	860	500
	2.5	0.26	2.04	0.7	1.0	1.8	29.0	7.98	50	1,310	500
	4	0.31	2.59	0.8	1.0	1.8	34.0	4.95	50	1,890	500
	6	0.31	3.60	0.8	1.2	2.2	41.5	3.30	50	2,730	400

600 V CVV-S

No. of core	Conductor			Thickness of insulation mm (Nominal)	Thickness of inner sheath mm (Approx.)	Thickness of outer sheath mm (Nominal)	Overall diameter mm (Approx.)	DC. conductor resistance at 20°C Ω/km (Max.)	Insulation resistance at 20°C MΩ.km (Min.)	Cable weight kg/km (Approx.)	Standard length m/drum
	Cross- sectional area mm ²	Dia. of wires mm (Max.)	Diameter mm (Approx.)								
28	0.5	0.21	0.92	0.6	1.0	1.4	20.5	39.0	50	520	500
	0.75	0.21	1.13	0.6	1.0	1.4	22.0	26.0	50	630	500
	1	0.21	1.31	0.6	1.0	1.4	23.0	19.5	50	730	500
	1.5	0.26	1.58	0.6	1.0	1.4	24.5	13.3	50	910	500
	2.5	0.26	2.04	0.7	1.0	1.8	30.0	7.98	50	1,390	500
	4	0.31	2.59	0.8	1.0	1.8	35.0	4.95	50	2,000	500
	6	0.31	3.60	0.8	1.2	2.2	42.5	3.30	50	2,880	400
29	0.5	0.21	0.92	0.6	1.0	1.4	20.5	39.0	50	530	500
	0.75	0.21	1.13	0.6	1.0	1.4	22.0	26.0	50	640	500
	1	0.21	1.31	0.6	1.0	1.4	23.0	19.5	50	740	500
	1.5	0.26	1.58	0.6	1.0	1.4	24.5	13.3	50	920	500
	2.5	0.26	2.04	0.7	1.0	1.8	30.0	7.98	50	1,410	500
	4	0.31	2.59	0.8	1.0	1.8	35.0	4.95	50	2,030	500
	6	0.31	3.60	0.8	1.2	2.2	42.5	3.30	50	2,930	400
30	0.5	0.21	0.92	0.6	1.0	1.4	20.5	39.0	50	530	500
	0.75	0.21	1.13	0.6	1.0	1.4	22.0	26.0	50	640	500
	1	0.21	1.31	0.6	1.0	1.4	23.0	19.5	50	750	500
	1.5	0.26	1.58	0.6	1.0	1.4	24.5	13.3	50	930	500
	2.5	0.26	2.04	0.7	1.0	1.8	30.0	7.98	50	1,430	500
	4	0.31	2.59	0.8	1.0	1.8	35.0	4.95	50	2,060	500
	6	0.31	3.60	0.8	1.2	2.2	42.5	3.30	50	2,980	400
31	0.5	0.21	0.92	0.6	1.0	1.4	21.0	39.0	50	560	500
	0.75	0.21	1.13	0.6	1.0	1.4	22.5	26.0	50	680	500
	1	0.21	1.31	0.6	1.0	1.4	23.5	19.5	50	790	500
	1.5	0.26	1.58	0.6	1.0	1.8	26.5	13.3	50	1,040	500
	2.5	0.26	2.04	0.7	1.0	1.8	31.0	7.98	50	1,510	500
	4	0.31	2.59	0.8	1.2	1.8	36.5	4.95	50	2,220	500
	6	0.31	3.60	0.8	1.2	2.2	44.0	3.30	50	3,140	400
32	0.5	0.21	0.92	0.6	1.0	1.4	21.0	39.0	50	570	500
	0.75	0.21	1.13	0.6	1.0	1.4	22.5	26.0	50	690	500
	1	0.21	1.31	0.6	1.0	1.4	23.5	19.5	50	800	500
	1.5	0.26	1.58	0.6	1.0	1.8	26.5	13.3	50	1,050	500
	2.5	0.26	2.04	0.7	1.0	1.8	31.0	7.98	50	1,530	500
	4	0.31	2.59	0.8	1.2	1.8	36.5	4.95	50	2,250	500
	6	0.31	3.60	0.8	1.2	2.2	44.0	3.30	50	3,200	400
33	0.5	0.21	0.92	0.6	1.0	1.4	21.0	39.0	50	570	500
	0.75	0.21	1.13	0.6	1.0	1.4	22.5	26.0	50	690	500
	1	0.21	1.31	0.6	1.0	1.4	23.5	19.5	50	810	500
	1.5	0.26	1.58	0.6	1.0	1.8	26.5	13.3	50	1,060	500
	2.5	0.26	2.04	0.7	1.0	1.8	31.0	7.98	50	1,550	500
	4	0.31	2.59	0.8	1.2	1.8	36.5	4.95	50	2,280	500
	6	0.31	3.60	0.8	1.2	2.2	44.0	3.30	50	3,250	400

600 V CVV-S

No. of core	Conductor			Thickness of insulation mm (Nominal)	Thickness of inner sheath mm (Approx.)	Thickness of outer sheath mm (Nominal)	Overall diameter mm (Approx.)	DC. conductor resistance at 20°C Ω/km (Max.)	Insulation resistance at 20°C MΩ.km (Min.)	Cable weight kg/km (Approx.)	Standard length m/drum
	Cross- sectional area mm ²	Dia. of wires mm (Max.)	Diameter mm (Approx.)								
34	0.5	0.21	0.92	0.6	1.0	1.4	22.0	39.0	50	600	500
	0.75	0.21	1.13	0.6	1.0	1.4	23.0	26.0	50	730	500
	1	0.21	1.31	0.6	1.0	1.4	24.5	19.5	50	850	500
	1.5	0.26	1.58	0.6	1.0	1.8	27.5	13.3	50	1,120	500
	2.5	0.26	2.04	0.7	1.0	1.8	32.0	7.98	50	1,630	500
	4	0.31	2.59	0.8	1.2	2.2	39.0	4.95	50	2,470	500
	6	0.31	3.60	0.8	1.2	2.2	46.0	3.30	50	3,410	400
35	0.5	0.21	0.92	0.6	1.0	1.4	22.0	39.0	50	610	500
	0.75	0.21	1.13	0.6	1.0	1.4	23.0	26.0	50	740	500
	1	0.21	1.31	0.6	1.0	1.4	24.5	19.5	50	860	500
	1.5	0.26	1.58	0.6	1.0	1.8	27.5	13.3	50	1,130	500
	2.5	0.26	2.04	0.7	1.0	1.8	32.0	7.98	50	1,650	500
	4	0.31	2.59	0.8	1.2	2.2	39.0	4.95	50	2,510	500
	6	0.31	3.60	0.8	1.2	2.2	46.0	3.30	50	3,460	400
36	0.5	0.21	0.92	0.6	1.0	1.4	22.0	39.0	50	610	500
	0.75	0.21	1.13	0.6	1.0	1.4	23.0	26.0	50	740	500
	1	0.21	1.31	0.6	1.0	1.4	24.5	19.5	50	870	500
	1.5	0.26	1.58	0.6	1.0	1.8	27.5	13.3	50	1,140	500
	2.5	0.26	2.04	0.7	1.0	1.8	32.0	7.98	50	1,670	500
	4	0.31	2.59	0.8	1.2	2.2	39.0	4.95	50	2,540	500
	6	0.31	3.60	0.8	1.2	2.2	46.0	3.30	50	3,510	400
37	0.5	0.21	0.92	0.6	1.0	1.4	22.0	39.0	50	620	500
	0.75	0.21	1.13	0.6	1.0	1.4	23.0	26.0	50	750	500
	1	0.21	1.31	0.6	1.0	1.4	24.5	19.5	50	880	500
	1.5	0.26	1.58	0.6	1.0	1.8	27.5	13.3	50	1,150	500
	2.5	0.26	2.04	0.7	1.0	1.8	32.0	7.98	50	1,690	500
	4	0.31	2.59	0.8	1.2	2.2	39.0	4.95	50	2,570	500
	6	0.31	3.60	0.8	1.2	2.2	46.0	3.30	50	3,570	400
38	0.5	0.21	0.92	0.6	1.0	1.4	22.5	39.0	50	650	500
	0.75	0.21	1.13	0.6	1.0	1.4	24.0	26.0	50	790	500
	1	0.21	1.31	0.6	1.0	1.4	25.5	19.5	50	920	500
	1.5	0.26	1.58	0.6	1.0	1.8	28.0	13.3	50	1,210	500
	2.5	0.26	2.04	0.7	1.0	1.8	33.0	7.98	50	1,780	500
	4	0.31	2.59	0.8	1.2	2.2	40.0	4.95	50	2,700	500
	6	0.31	3.60	0.8	1.2	2.2	47.5	3.30	50	3,740	400
39	0.5	0.21	0.92	0.6	1.0	1.4	22.5	39.0	50	650	500
	0.75	0.21	1.13	0.6	1.0	1.4	24.0	26.0	50	800	500
	1	0.21	1.31	0.6	1.0	1.4	25.5	19.5	50	930	500
	1.5	0.26	1.58	0.6	1.0	1.8	28.0	13.3	50	1,220	500
	2.5	0.26	2.04	0.7	1.0	1.8	33.0	7.98	50	1,800	500
	4	0.31	2.59	0.8	1.2	2.2	40.0	4.95	50	2,730	500
	6	0.31	3.60	0.8	1.2	2.2	47.5	3.30	50	3,790	400

600 V CVV-S

No. of core	Conductor			Thickness of insulation mm (Nominal)	Thickness of inner sheath mm (Approx.)	Thickness of outer sheath mm (Nominal)	Overall diameter mm (Approx.)	DC. conductor resistance at 20°C Ω/km (Max.)	Insulation resistance at 20°C MΩ.km (Min.)	Cable weight kg/km (Approx.)	Standard length m/drum
	Cross- sectional area mm ²	Dia. of wires mm (Max.)	Diameter mm (Approx.)								
40	0.5	0.21	0.92	0.6	1.0	1.4	22.5	39.0	50	660	500
	0.75	0.21	1.13	0.6	1.0	1.4	24.0	26.0	50	800	500
	1	0.21	1.31	0.6	1.0	1.4	25.5	19.5	50	940	500
	1.5	0.26	1.58	0.6	1.0	1.8	28.0	13.3	50	1,230	500
	2.5	0.26	2.04	0.7	1.0	1.8	33.0	7.98	50	1,810	500
	4	0.31	2.59	0.8	1.2	2.2	40.0	4.95	50	2,760	500
	6	0.31	3.60	0.8	1.2	2.2	47.5	3.30	50	3,830	400
41	0.5	0.21	0.92	0.6	1.0	1.4	23.0	39.0	50	690	500
	0.75	0.21	1.13	0.6	1.0	1.4	25.0	26.0	50	840	500
	1	0.21	1.31	0.6	1.0	1.8	27.0	19.5	50	1,040	500
	1.5	0.26	1.58	0.6	1.0	1.8	29.0	13.3	50	1,290	500
	2.5	0.26	2.04	0.7	1.0	1.8	34.5	7.98	50	1,910	500
	4	0.31	2.59	0.8	1.2	2.2	41.5	4.95	50	2,900	400
	6	0.31	3.60	0.8	1.2	2.2	49.0	3.30	50	4,010	400
42	0.5	0.21	0.92	0.6	1.0	1.4	23.0	39.0	50	700	500
	0.75	0.21	1.13	0.6	1.0	1.4	25.0	26.0	50	850	500
	1	0.21	1.31	0.6	1.0	1.8	27.0	19.5	50	1,040	500
	1.5	0.26	1.58	0.6	1.0	1.8	29.0	13.3	50	1,310	500
	2.5	0.26	2.04	0.7	1.0	1.8	34.5	7.98	50	1,930	500
	4	0.31	2.59	0.8	1.2	2.2	41.5	4.95	50	2,930	400
	6	0.31	3.60	0.8	1.2	2.2	49.0	3.30	50	4,070	400
43	0.5	0.21	0.92	0.6	1.0	1.4	23.0	39.0	50	700	500
	0.75	0.21	1.13	0.6	1.0	1.4	25.0	26.0	50	850	500
	1	0.21	1.31	0.6	1.0	1.8	27.0	19.5	50	1,050	500
	1.5	0.26	1.58	0.6	1.0	1.8	29.0	13.3	50	1,310	500
	2.5	0.26	2.04	0.7	1.0	1.8	34.5	7.98	50	1,940	500
	4	0.31	2.59	0.8	1.2	2.2	41.5	4.95	50	2,940	400
	6	0.31	3.60	0.8	1.2	2.2	49.0	3.30	50	4,090	400
44	0.5	0.21	0.92	0.6	1.0	1.4	24.0	39.0	50	710	500
	0.75	0.21	1.13	0.6	1.0	1.4	25.5	26.0	50	870	500
	1	0.21	1.31	0.6	1.0	1.8	28.0	19.5	50	1,070	500
	1.5	0.26	1.58	0.6	1.0	1.8	30.0	13.3	50	1,350	500
	2.5	0.26	2.04	0.7	1.2	1.8	36.0	7.98	50	2,020	500
	4	0.31	2.59	0.8	1.2	2.2	43.0	4.95	50	3,020	400
	6	0.31	3.60	0.8	1.4	2.6	52.5	3.30	50	4,340	300
45	0.5	0.21	0.92	0.6	1.0	1.4	24.5	39.0	50	750	500
	0.75	0.21	1.13	0.6	1.0	1.4	26.0	26.0	50	920	500
	1	0.21	1.31	0.6	1.0	1.8	28.5	19.5	50	1,130	500
	1.5	0.26	1.58	0.6	1.0	1.8	30.5	13.3	50	1,410	500
	2.5	0.26	2.04	0.7	1.2	1.8	36.5	7.98	50	2,120	500
	4	0.31	2.59	0.8	1.2	2.2	44.0	4.95	50	3,170	400
	6	0.31	3.60	0.8	1.4	2.6	53.5	3.30	50	4,540	300

600 V CVV-S

No. of core	Conductor			Thickness of insulation mm (Nominal)	Thickness of inner sheath mm (Approx.)	Thickness of outer sheath mm (Nominal)	Overall diameter mm (Approx.)	DC. conductor resistance at 20°C Ω/km (Max.)	Insulation resistance at 20°C MΩ.km (Min.)	Cable weight kg/km (Approx.)	Standard length m/drum
	Cross- sectional area mm ²	Dia. of wires mm (Max.)	Diameter mm (Approx.)								
46	0.5	0.21	0.92	0.6	1.0	1.4	24.5	39.0	50	750	500
	0.75	0.21	1.13	0.6	1.0	1.4	26.0	26.0	50	920	500
	1	0.21	1.31	0.6	1.0	1.8	28.5	19.5	50	1,120	500
	1.5	0.26	1.58	0.6	1.0	1.8	30.5	13.3	50	1,410	500
	2.5	0.26	2.04	0.7	1.2	1.8	36.5	7.98	50	2,120	500
	4	0.31	2.59	0.8	1.2	2.2	44.0	4.95	50	3,170	400
	6	0.31	3.60	0.8	1.4	2.6	53.5	3.30	50	4,550	300
47	0.5	0.21	0.92	0.6	1.0	1.4	24.5	39.0	50	750	500
	0.75	0.21	1.13	0.6	1.0	1.4	26.0	26.0	50	920	500
	1	0.21	1.31	0.6	1.0	1.8	28.5	19.5	50	1,130	500
	1.5	0.26	1.58	0.6	1.0	1.8	30.5	13.3	50	1,420	500
	2.5	0.26	2.04	0.7	1.2	1.8	36.5	7.98	50	2,140	500
	4	0.31	2.59	0.8	1.2	2.2	44.0	4.95	50	3,210	400
	6	0.31	3.60	0.8	1.4	2.6	53.5	3.30	50	4,610	300
48	0.5	0.21	0.92	0.6	1.0	1.4	24.5	39.0	50	760	500
	0.75	0.21	1.13	0.6	1.0	1.8	27.0	26.0	50	980	500
	1	0.21	1.31	0.6	1.0	1.8	28.5	19.5	50	1,140	500
	1.5	0.26	1.58	0.6	1.0	1.8	30.5	13.3	50	1,440	500
	2.5	0.26	2.04	0.7	1.2	1.8	36.5	7.98	50	2,160	500
	4	0.31	2.59	0.8	1.2	2.2	44.0	4.95	50	3,240	400
	6	0.31	3.60	0.8	1.4	2.6	53.5	3.30	50	4,660	300