

600 V CVV

2-48 CORES - POLYVINYL CHLORIDE FLEXIBLE CONTROL CABLE



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. 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 the dry or wet cable trenches.

No. of core	Conductor			Thickness of insulation mm (Nominal)	Thickness of 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	1.2	7.0	39.0	50	50	500
	0.75	0.21	1.13	0.6	1.2	8.0	26.0	50	70	500
	1	0.21	1.31	0.6	1.2	8.0	19.5	50	80	500
	1.5	0.26	1.58	0.6	1.2	8.5	13.3	50	90	500
	2.5	0.26	2.04	0.7	1.2	10.0	7.98	50	130	500
	4	0.31	2.59	0.8	1.2	11.5	4.95	50	190	500
3	6	0.31	3.60	0.8	1.4	14.0	3.30	50	270	500
	0.5	0.21	0.92	0.6	1.2	8.0	39.0	50	70	500
	0.75	0.21	1.13	0.6	1.2	8.0	26.0	50	80	500
	1	0.21	1.31	0.6	1.2	8.5	19.5	50	90	500
	1.5	0.26	1.58	0.6	1.2	9.0	13.3	50	120	500
	2.5	0.26	2.04	0.7	1.2	10.5	7.98	50	170	500
4	4	0.31	2.59	0.8	1.2	12.5	4.95	50	240	500
	6	0.31	3.60	0.8	1.4	15.0	3.30	50	350	500

600 V CVV

No. of core	Conductor			Thickness of insulation mm (Nominal)	Thickness of 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	1.2	8.5	39.0	50	80	500
	0.75	0.21	1.13	0.6	1.2	9.0	26.0	50	100	500
	1	0.21	1.31	0.6	1.2	9.5	19.5	50	120	500
	1.5	0.26	1.58	0.6	1.2	10.0	13.3	50	140	500
	2.5	0.26	2.04	0.7	1.2	11.5	7.98	50	210	500
	4	0.31	2.59	0.8	1.4	14.0	4.95	50	310	500
	6	0.31	3.60	0.8	1.4	16.5	3.30	50	440	500
5	0.5	0.21	0.92	0.6	1.2	9.0	39.0	50	100	500
	0.75	0.21	1.13	0.6	1.2	9.5	26.0	50	120	500
	1	0.21	1.31	0.6	1.2	10.0	19.5	50	140	500
	1.5	0.26	1.58	0.6	1.2	11.0	13.3	50	170	500
	2.5	0.26	2.04	0.7	1.4	13.0	7.98	50	270	500
	4	0.31	2.59	0.8	1.4	15.0	4.95	50	390	500
	6	0.31	3.60	0.8	1.4	18.0	3.30	50	540	500
6	0.5	0.21	0.92	0.6	1.2	9.5	39.0	50	110	500
	0.75	0.21	1.13	0.6	1.2	10.5	26.0	50	130	500
	1	0.21	1.31	0.6	1.2	11.0	19.5	50	150	500
	1.5	0.26	1.58	0.6	1.2	11.5	13.3	50	190	500
	2.5	0.26	2.04	0.7	1.4	14.0	7.98	50	290	500
	4	0.31	2.59	0.8	1.4	16.5	4.95	50	430	500
	6	0.31	3.60	0.8	1.4	19.5	3.30	50	590	500
7	0.5	0.21	0.92	0.6	1.2	9.5	39.0	50	110	500
	0.75	0.21	1.13	0.6	1.2	10.5	26.0	50	140	500
	1	0.21	1.31	0.6	1.2	11.0	19.5	50	160	500
	1.5	0.26	1.58	0.6	1.2	11.5	13.3	50	200	500
	2.5	0.26	2.04	0.7	1.4	14.0	7.98	50	310	500
	4	0.31	2.59	0.8	1.4	16.5	4.95	50	460	500
	6	0.31	3.60	0.8	1.4	19.5	3.30	50	640	500
8	0.5	0.21	0.92	0.6	1.2	10.5	39.0	50	130	500
	0.75	0.21	1.13	0.6	1.2	11.0	26.0	50	150	500
	1	0.21	1.31	0.6	1.2	11.5	19.5	50	180	500
	1.5	0.26	1.58	0.6	1.4	13.0	13.3	50	240	500
	2.5	0.26	2.04	0.7	1.4	15.0	7.98	50	360	500
	4	0.31	2.59	0.8	1.4	18.0	4.95	50	520	500
	6	0.31	3.60	0.8	1.4	21.0	3.30	50	730	500
9	0.5	0.21	0.92	0.6	1.2	11.0	39.0	50	140	500
	0.75	0.21	1.13	0.6	1.2	12.0	26.0	50	170	500
	1	0.21	1.31	0.6	1.4	13.0	19.5	50	210	500
	1.5	0.26	1.58	0.6	1.4	14.0	13.3	50	270	500
	2.5	0.26	2.04	0.7	1.4	16.5	7.98	50	400	500
	4	0.31	2.59	0.8	1.4	19.0	4.95	50	590	500
	6	0.31	3.60	0.8	1.4	23.0	3.30	50	820	500

600 V CVV

No. of core	Conductor			Thickness of insulation mm (Nominal)	Thickness of 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	1.2	12.0	39.0	50	150	500
	0.75	0.21	1.13	0.6	1.4	13.0	26.0	50	200	500
	1	0.21	1.31	0.6	1.4	14.0	19.5	50	230	500
	1.5	0.26	1.58	0.6	1.4	15.0	13.3	50	290	500
	2.5	0.26	2.04	0.7	1.4	17.5	7.98	50	440	500
	4	0.31	2.59	0.8	1.4	21.0	4.95	50	640	500
	6	0.31	3.60	0.8	1.8	25.5	3.30	50	950	500
11	0.5	0.21	0.92	0.6	1.2	12.5	39.0	50	170	500
	0.75	0.21	1.13	0.6	1.4	13.5	26.0	50	220	500
	1	0.21	1.31	0.6	1.4	14.5	19.5	50	260	500
	1.5	0.26	1.58	0.6	1.4	15.5	13.3	50	330	500
	2.5	0.26	2.04	0.7	1.4	18.5	7.98	50	490	500
	4	0.31	2.59	0.8	1.4	21.5	4.95	50	720	500
	6	0.31	3.60	0.8	1.8	26.5	3.30	50	1,050	500
12	0.5	0.21	0.92	0.6	1.2	12.5	39.0	50	170	500
	0.75	0.21	1.13	0.6	1.4	13.5	26.0	50	230	500
	1	0.21	1.31	0.6	1.4	14.5	19.5	50	270	500
	1.5	0.26	1.58	0.6	1.4	15.5	13.3	50	340	500
	2.5	0.26	2.04	0.7	1.4	18.5	7.98	50	510	500
	4	0.31	2.59	0.8	1.4	21.5	4.95	50	750	500
	6	0.31	3.60	0.8	1.8	26.5	3.30	50	1,100	500
13	0.5	0.21	0.92	0.6	1.4	13.5	39.0	50	200	500
	0.75	0.21	1.13	0.6	1.4	14.0	26.0	50	250	500
	1	0.21	1.31	0.6	1.4	15.0	19.5	50	290	500
	1.5	0.26	1.58	0.6	1.4	16.0	13.3	50	370	500
	2.5	0.26	2.04	0.7	1.4	19.0	7.98	50	560	500
	4	0.31	2.59	0.8	1.4	22.5	4.95	50	830	500
	6	0.31	3.60	0.8	1.8	28.0	3.30	50	1,210	500
14	0.5	0.21	0.92	0.6	1.4	13.5	39.0	50	210	500
	0.75	0.21	1.13	0.6	1.4	14.0	26.0	50	260	500
	1	0.21	1.31	0.6	1.4	15.0	19.5	50	300	500
	1.5	0.26	1.58	0.6	1.4	16.0	13.3	50	390	500
	2.5	0.26	2.04	0.7	1.4	19.0	7.98	50	580	500
	4	0.31	2.59	0.8	1.4	22.5	4.95	50	860	500
	6	0.31	3.60	0.8	1.8	28.0	3.30	50	1,270	500
15	0.5	0.21	0.92	0.6	1.4	14.0	39.0	50	230	500
	0.75	0.21	1.13	0.6	1.4	15.0	26.0	50	280	500
	1	0.21	1.31	0.6	1.4	15.5	19.5	50	330	500
	1.5	0.26	1.58	0.6	1.4	17.0	13.3	50	420	500
	2.5	0.26	2.04	0.7	1.4	20.0	7.98	50	640	500
	4	0.31	2.59	0.8	1.8	24.5	4.95	50	990	500
	6	0.31	3.60	0.8	1.8	29.5	3.30	50	1,390	500

600 V CVV

No. of core	Conductor			Thickness of insulation mm (Nominal)	Thickness of 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	1.4	14.0	39.0	50	230	500
	0.75	0.21	1.13	0.6	1.4	15.0	26.0	50	290	500
	1	0.21	1.31	0.6	1.4	15.5	19.5	50	340	500
	1.5	0.26	1.58	0.6	1.4	17.0	13.3	50	440	500
	2.5	0.26	2.04	0.7	1.4	20.0	7.98	50	660	500
	4	0.31	2.59	0.8	1.8	24.5	4.95	50	1,030	500
	6	0.31	3.60	0.8	1.8	29.5	3.30	50	1,440	500
17	0.5	0.21	0.92	0.6	1.4	14.5	39.0	50	260	500
	0.75	0.21	1.13	0.6	1.4	15.5	26.0	50	310	500
	1	0.21	1.31	0.6	1.4	16.5	19.5	50	370	500
	1.5	0.26	1.58	0.6	1.4	18.0	13.3	50	470	500
	2.5	0.26	2.04	0.7	1.4	21.5	7.98	50	720	500
	4	0.31	2.59	0.8	1.8	26.0	4.95	50	1,120	500
	6	0.31	3.60	0.8	1.8	31.0	3.30	50	1,560	500
18	0.5	0.21	0.92	0.6	1.4	14.5	39.0	50	260	500
	0.75	0.21	1.13	0.6	1.4	15.5	26.0	50	320	500
	1	0.21	1.31	0.6	1.4	16.5	19.5	50	380	500
	1.5	0.26	1.58	0.6	1.4	18.0	13.3	50	490	500
	2.5	0.26	2.04	0.7	1.4	21.5	7.98	50	740	500
	4	0.31	2.59	0.8	1.8	26.0	4.95	50	1,150	500
	6	0.31	3.60	0.8	1.8	31.0	3.30	50	1,610	500
19	0.5	0.21	0.92	0.6	1.4	14.5	39.0	50	260	500
	0.75	0.21	1.13	0.6	1.4	15.5	26.0	50	330	500
	1	0.21	1.31	0.6	1.4	16.5	19.5	50	390	500
	1.5	0.26	1.58	0.6	1.4	18.0	13.3	50	500	500
	2.5	0.26	2.04	0.7	1.4	21.5	7.98	50	760	500
	4	0.31	2.59	0.8	1.8	26.0	4.95	50	1,180	500
	6	0.31	3.60	0.8	1.8	31.0	3.30	50	1,670	500
20	0.5	0.21	0.92	0.6	1.4	15.5	39.0	50	280	500
	0.75	0.21	1.13	0.6	1.4	16.5	26.0	50	350	500
	1	0.21	1.31	0.6	1.4	17.5	19.5	50	420	500
	1.5	0.26	1.58	0.6	1.4	19.0	13.3	50	540	500
	2.5	0.26	2.04	0.7	1.4	22.5	7.98	50	820	500
	4	0.31	2.59	0.8	1.8	27.5	4.95	50	1,280	500
	6	0.31	3.60	0.8	1.8	32.5	3.30	50	1,800	500
21	0.5	0.21	0.92	0.6	1.4	15.5	39.0	50	290	500
	0.75	0.21	1.13	0.6	1.4	16.5	26.0	50	360	500
	1	0.21	1.31	0.6	1.4	17.5	19.5	50	430	500
	1.5	0.26	1.58	0.6	1.4	19.0	13.3	50	550	500
	2.5	0.26	2.04	0.7	1.4	22.5	7.98	50	830	500
	4	0.31	2.59	0.8	1.8	27.5	4.95	50	1,300	500
	6	0.31	3.60	0.8	1.8	32.5	3.30	50	1,830	500

600 V CVV

No. of core	Conductor			Thickness of insulation mm (Nominal)	Thickness of 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	1.4	16.0	39.0	50	310	500
	0.75	0.21	1.13	0.6	1.4	17.0	26.0	50	390	500
	1	0.21	1.31	0.6	1.4	18.0	19.5	50	460	500
	1.5	0.26	1.58	0.6	1.4	19.5	13.3	50	600	500
	2.5	0.26	2.04	0.7	1.8	24.5	7.98	50	950	500
	4	0.31	2.59	0.8	1.8	28.5	4.95	50	1,410	500
	6	0.31	3.60	0.8	1.8	34.5	3.30	50	1,980	500
23	0.5	0.21	0.92	0.6	1.4	16.0	39.0	50	310	500
	0.75	0.21	1.13	0.6	1.4	17.0	26.0	50	390	500
	1	0.21	1.31	0.6	1.4	18.0	19.5	50	460	500
	1.5	0.26	1.58	0.6	1.4	19.5	13.3	50	600	500
	2.5	0.26	2.04	0.7	1.8	24.5	7.98	50	960	500
	4	0.31	2.59	0.8	1.8	28.5	4.95	50	1,420	500
	6	0.31	3.60	0.8	1.8	34.5	3.30	50	2,000	500
24	0.5	0.21	0.92	0.6	1.4	17.0	39.0	50	320	500
	0.75	0.21	1.13	0.6	1.4	18.0	26.0	50	410	500
	1	0.21	1.31	0.6	1.4	19.0	19.5	50	480	500
	1.5	0.26	1.58	0.6	1.4	21.0	13.3	50	620	500
	2.5	0.26	2.04	0.7	1.8	26.0	7.98	50	1,000	500
	4	0.31	2.59	0.8	1.8	30.5	4.95	50	1,480	500
	6	0.31	3.60	0.8	2.2	37.5	3.30	50	2,150	500
25	0.5	0.21	0.92	0.6	1.4	17.0	39.0	50	350	500
	0.75	0.21	1.13	0.6	1.4	18.5	26.0	50	430	500
	1	0.21	1.31	0.6	1.4	19.5	19.5	50	510	500
	1.5	0.26	1.58	0.6	1.4	21.5	13.3	50	660	500
	2.5	0.26	2.04	0.7	1.8	26.5	7.98	50	1,060	500
	4	0.31	2.59	0.8	1.8	31.0	4.95	50	1,570	500
	6	0.31	3.60	0.8	2.2	38.0	3.30	50	2,280	500
26	0.5	0.21	0.92	0.6	1.4	17.0	39.0	50	350	500
	0.75	0.21	1.13	0.6	1.4	18.5	26.0	50	440	500
	1	0.21	1.31	0.6	1.4	19.5	19.5	50	520	500
	1.5	0.26	1.58	0.6	1.4	21.5	13.3	50	670	500
	2.5	0.26	2.04	0.7	1.8	26.5	7.98	50	1,080	500
	4	0.31	2.59	0.8	1.8	31.0	4.95	50	1,600	500
	6	0.31	3.60	0.8	2.2	38.0	3.30	50	2,340	500
27	0.5	0.21	0.92	0.6	1.4	17.0	39.0	50	350	500
	0.75	0.21	1.13	0.6	1.4	18.5	26.0	50	440	500
	1	0.21	1.31	0.6	1.4	19.5	19.5	50	530	500
	1.5	0.26	1.58	0.6	1.4	21.5	13.3	50	690	500
	2.5	0.26	2.04	0.7	1.8	26.5	7.98	50	1,100	500
	4	0.31	2.59	0.8	1.8	31.0	4.95	50	1,640	500
	6	0.31	3.60	0.8	2.2	38.0	3.30	50	2,390	500

600 V CVV

No. of core	Conductor			Thickness of insulation mm (Nominal)	Thickness of 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	1.4	18.0	39.0	50	380	500
	0.75	0.21	1.13	0.6	1.4	19.0	26.0	50	470	500
	1	0.21	1.31	0.6	1.4	20.0	19.5	50	560	500
	1.5	0.26	1.58	0.6	1.4	22.0	13.3	50	730	500
	2.5	0.26	2.04	0.7	1.8	27.5	7.98	50	1,170	500
	4	0.31	2.59	0.8	1.8	32.0	4.95	50	1,740	500
	6	0.31	3.60	0.8	2.2	39.5	3.30	50	2,520	500
29	0.5	0.21	0.92	0.6	1.4	18.0	39.0	50	380	500
	0.75	0.21	1.13	0.6	1.4	19.0	26.0	50	480	500
	1	0.21	1.31	0.6	1.4	20.0	19.5	50	570	500
	1.5	0.26	1.58	0.6	1.4	22.0	13.3	50	740	500
	2.5	0.26	2.04	0.7	1.8	27.5	7.98	50	1,190	500
	4	0.31	2.59	0.8	1.8	32.0	4.95	50	1,770	500
	6	0.31	3.60	0.8	2.2	39.5	3.30	50	2,570	500
30	0.5	0.21	0.92	0.6	1.4	18.0	39.0	50	390	500
	0.75	0.21	1.13	0.6	1.4	19.0	26.0	50	490	500
	1	0.21	1.31	0.6	1.4	20.0	19.5	50	580	500
	1.5	0.26	1.58	0.6	1.4	22.0	13.3	50	750	500
	2.5	0.26	2.04	0.7	1.8	27.5	7.98	50	1,200	500
	4	0.31	2.59	0.8	1.8	32.0	4.95	50	1,800	500
	6	0.31	3.60	0.8	2.2	39.5	3.30	50	2,630	500
31	0.5	0.21	0.92	0.6	1.4	18.5	39.0	50	410	500
	0.75	0.21	1.13	0.6	1.4	20.0	26.0	50	520	500
	1	0.21	1.31	0.6	1.4	21.0	19.5	50	620	500
	1.5	0.26	1.58	0.6	1.8	23.5	13.3	50	840	500
	2.5	0.26	2.04	0.7	1.8	28.5	7.98	50	1,280	500
	4	0.31	2.59	0.8	1.8	33.5	4.95	50	1,910	500
	6	0.31	3.60	0.8	2.2	41.0	3.30	50	2,770	400
32	0.5	0.21	0.92	0.6	1.4	18.5	39.0	50	420	500
	0.75	0.21	1.13	0.6	1.4	20.0	26.0	50	520	500
	1	0.21	1.31	0.6	1.4	21.0	19.5	50	630	500
	1.5	0.26	1.58	0.6	1.8	23.5	13.3	50	860	500
	2.5	0.26	2.04	0.7	1.8	28.5	7.98	50	1,300	500
	4	0.31	2.59	0.8	1.8	33.5	4.95	50	1,940	500
	6	0.31	3.60	0.8	2.2	41.0	3.30	50	2,830	400
33	0.5	0.21	0.92	0.6	1.4	18.5	39.0	50	420	500
	0.75	0.21	1.13	0.6	1.4	20.0	26.0	50	530	500
	1	0.21	1.31	0.6	1.4	21.0	19.5	50	640	500
	1.5	0.26	1.58	0.6	1.8	23.5	13.3	50	870	500
	2.5	0.26	2.04	0.7	1.8	28.5	7.98	50	1,320	500
	4	0.31	2.59	0.8	1.8	33.5	4.95	50	1,980	500
	6	0.31	3.60	0.8	2.2	41.0	3.30	50	2,880	400

600 V CVV

No. of core	Conductor			Thickness of insulation mm (Nominal)	Thickness of 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	1.4	19.0	39.0	50	450	500
	0.75	0.21	1.13	0.6	1.4	20.5	26.0	50	560	500
	1	0.21	1.31	0.6	1.4	22.0	19.5	50	670	500
	1.5	0.26	1.58	0.6	1.8	24.5	13.3	50	920	500
	2.5	0.26	2.04	0.7	1.8	29.5	7.98	50	1,400	500
	4	0.31	2.59	0.8	2.2	35.5	4.95	50	2,150	500
	6	0.31	3.60	0.8	2.2	42.5	3.30	50	3,030	400
35	0.5	0.21	0.92	0.6	1.4	19.0	39.0	50	450	500
	0.75	0.21	1.13	0.6	1.4	20.5	26.0	50	570	500
	1	0.21	1.31	0.6	1.4	22.0	19.5	50	680	500
	1.5	0.26	1.58	0.6	1.8	24.5	13.3	50	930	500
	2.5	0.26	2.04	0.7	1.8	29.5	7.98	50	1,420	500
	4	0.31	2.59	0.8	2.2	35.5	4.95	50	2,190	500
	6	0.31	3.60	0.8	2.2	42.5	3.30	50	3,080	400
36	0.5	0.21	0.92	0.6	1.4	19.0	39.0	50	460	500
	0.75	0.21	1.13	0.6	1.4	20.5	26.0	50	580	500
	1	0.21	1.31	0.6	1.4	22.0	19.5	50	690	500
	1.5	0.26	1.58	0.6	1.8	24.5	13.3	50	940	500
	2.5	0.26	2.04	0.7	1.8	29.5	7.98	50	1,440	500
	4	0.31	2.59	0.8	2.2	35.5	4.95	50	2,220	500
	6	0.31	3.60	0.8	2.2	42.5	3.30	50	3,130	400
37	0.5	0.21	0.92	0.6	1.4	19.0	39.0	50	460	500
	0.75	0.21	1.13	0.6	1.4	20.5	26.0	50	580	500
	1	0.21	1.31	0.6	1.4	22.0	19.5	50	700	500
	1.5	0.26	1.58	0.6	1.8	24.5	13.3	50	950	500
	2.5	0.26	2.04	0.7	1.8	29.5	7.98	50	1,460	500
	4	0.31	2.59	0.8	2.2	35.5	4.95	50	2,250	500
	6	0.31	3.60	0.8	2.2	42.5	3.30	50	3,180	400
38	0.5	0.21	0.92	0.6	1.4	20.0	39.0	50	490	500
	0.75	0.21	1.13	0.6	1.4	21.5	26.0	50	620	500
	1	0.21	1.31	0.6	1.4	22.5	19.5	50	740	500
	1.5	0.26	1.58	0.6	1.8	25.5	13.3	50	1,000	500
	2.5	0.26	2.04	0.7	1.8	30.5	7.98	50	1,530	500
	4	0.31	2.59	0.8	2.2	37.0	4.95	50	2,370	500
	6	0.31	3.60	0.8	2.2	44.5	3.30	50	3,340	400
39	0.5	0.21	0.92	0.6	1.4	20.0	39.0	50	490	500
	0.75	0.21	1.13	0.6	1.4	21.5	26.0	50	620	500
	1	0.21	1.31	0.6	1.4	22.5	19.5	50	450	500
	1.5	0.26	1.58	0.6	1.8	25.5	13.3	50	1,020	500
	2.5	0.26	2.04	0.7	1.8	30.5	7.98	50	1,550	500
	4	0.31	2.59	0.8	2.2	37.0	4.95	50	2,400	500
	6	0.31	3.60	0.8	2.2	44.5	3.30	50	3,390	400

600 V CVV

No. of core	Conductor			Thickness of insulation mm (Nominal)	Thickness of 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	1.4	20.0	39.0	50	490	500
	0.75	0.21	1.13	0.6	1.4	21.5	26.0	50	630	500
	1	0.21	1.31	0.6	1.4	22.5	19.5	50	750	500
	1.5	0.26	1.58	0.6	1.8	25.5	13.3	50	1,020	500
	2.5	0.26	2.04	0.7	1.8	30.5	7.98	50	1,570	500
	4	0.31	2.59	0.8	2.2	37.0	4.95	50	2,420	500
	6	0.31	3.60	0.8	2.2	44.5	3.30	50	3,430	400
41	0.5	0.21	0.92	0.6	1.4	20.5	39.0	50	520	500
	0.75	0.21	1.13	0.6	1.4	22.0	26.0	50	660	500
	1	0.21	1.31	0.6	1.8	24.5	19.5	50	840	500
	1.5	0.26	1.58	0.6	1.8	26.5	13.3	50	1,080	500
	2.5	0.26	2.04	0.7	1.8	31.5	7.98	50	1,650	500
	4	0.31	2.59	0.8	2.2	38.5	4.95	50	2,550	500
	6	0.31	3.60	0.8	2.2	46.0	3.30	50	3,600	400
42	0.5	0.21	0.92	0.6	1.4	20.5	39.0	50	530	500
	0.75	0.21	1.13	0.6	1.4	22.0	26.0	50	670	500
	1	0.21	1.31	0.6	1.8	24.5	19.5	50	850	500
	1.5	0.26	1.58	0.6	1.8	26.5	13.3	50	1,090	500
	2.5	0.26	2.04	0.7	1.8	31.5	7.98	50	1,670	500
	4	0.31	2.59	0.8	2.2	38.5	4.95	50	2,590	500
	6	0.31	3.60	0.8	2.2	46.0	3.30	50	3,650	400
43	0.5	0.21	0.92	0.6	1.4	20.5	39.0	50	530	500
	0.75	0.21	1.13	0.6	1.4	22.0	26.0	50	670	500
	1	0.21	1.31	0.6	1.8	24.5	19.5	50	850	500
	1.5	0.26	1.58	0.6	1.8	26.5	13.3	50	1,100	500
	2.5	0.26	2.04	0.7	1.8	31.5	7.98	50	1,680	500
	4	0.31	2.59	0.8	2.2	38.5	4.95	50	2,600	500
	6	0.31	3.60	0.8	2.2	46.0	3.30	50	3,680	400
44	0.5	0.21	0.92	0.6	1.4	21.5	39.0	50	540	500
	0.75	0.21	1.13	0.6	1.4	23.0	26.0	50	690	500
	1	0.21	1.31	0.6	1.8	25.5	19.5	50	870	500
	1.5	0.26	1.58	0.6	1.8	27.5	13.3	50	1,120	500
	2.5	0.26	2.04	0.7	1.8	33.0	7.98	50	1,720	500
	4	0.31	2.59	0.8	2.2	40.0	4.95	50	2,660	500
	6	0.31	3.60	0.8	2.6	49.0	3.30	50	3,850	400
45	0.5	0.21	0.92	0.6	1.4	21.5	39.0	50	570	500
	0.75	0.21	1.13	0.6	1.4	23.5	26.0	50	730	500
	1	0.21	1.31	0.6	1.8	25.5	19.5	50	920	500
	1.5	0.26	1.58	0.6	1.8	28.0	13.3	50	1,190	500
	2.5	0.26	2.04	0.7	1.8	33.5	7.98	50	1,820	500
	4	0.31	2.59	0.8	2.2	40.5	4.95	50	2,800	500
	6	0.31	3.60	0.8	2.6	50.0	3.30	50	4,040	400

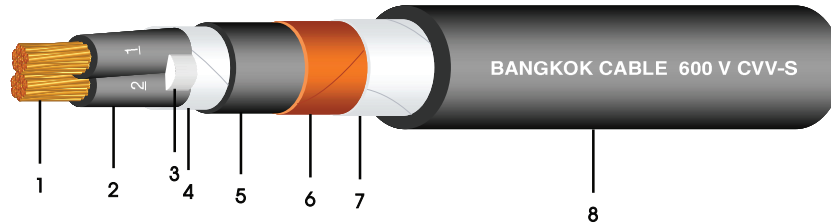
600 V CVV

No. of core	Conductor			Thickness of insulation mm (Nominal)	Thickness of 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	1.4	21.5	39.0	50	570	500
	0.75	0.21	1.13	0.6	1.4	23.5	26.0	50	720	500
	1	0.21	1.31	0.6	1.8	25.5	19.5	50	920	500
	1.5	0.26	1.58	0.6	1.8	28.0	13.3	50	1,190	500
	2.5	0.26	2.04	0.7	1.8	33.5	7.98	50	1,820	500
	4	0.31	2.59	0.8	2.2	40.5	4.95	50	2,800	500
	6	0.31	3.60	0.8	2.6	50.0	3.30	50	4,060	400
47	0.5	0.21	0.92	0.6	1.4	21.5	39.0	50	580	500
	0.75	0.21	1.13	0.6	1.4	23.5	26.0	50	730	500
	1	0.21	1.31	0.6	1.8	25.5	19.5	50	930	500
	1.5	0.26	1.58	0.6	1.8	28.0	13.3	50	1,200	500
	2.5	0.26	2.04	0.7	1.8	33.5	7.98	50	1,840	500
	4	0.31	2.59	0.8	2.2	40.5	4.95	50	2,840	500
	6	0.31	3.60	0.8	2.6	50.0	3.30	50	4,100	400
48	0.5	0.21	0.92	0.6	1.4	21.5	39.0	50	580	500
	0.75	0.21	1.13	0.6	1.8	24.5	26.0	50	780	500
	1	0.21	1.31	0.6	1.8	25.5	19.5	50	930	500
	1.5	0.26	1.58	0.6	1.8	28.0	13.3	50	1,210	500
	2.5	0.26	2.04	0.7	1.8	33.5	7.98	50	1,860	500
	4	0.31	2.59	0.8	2.2	40.5	4.95	50	2,870	500
	6	0.31	3.60	0.8	2.6	50.0	3.30	50	4,160	400

B

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.)								
	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
22	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
	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
23	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
	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
24	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
	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
25	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
	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
26	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
	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
27	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

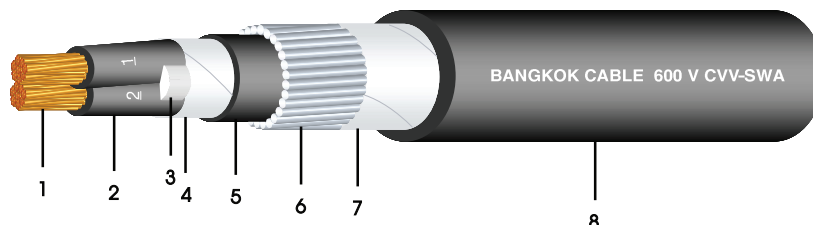
No. of core	Conductor			Thickness of insulation mm (Nominal)	Thickness of inner sheath mm (Approx.)	Thickness of outer sheath mm (Nominal)	Overall diameter mm (Approx.)	DC. conductor resistance at 20°C Ω/km (Max.)	Insulation resistance at 20°C MΩ.km (Min.)	Cable weight kg/km (Approx.)	Standard length 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

600 V CVV-SWA

2-30 CORES - POLYVINYL CHLORIDE FLEXIBLE CONTROL CABLE WITH ARMOUR



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. Armour : Galvanized steel wires
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.)	Diameter under armour (Approx.)	Diameter of wire armour mm (Nominal)	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	7.0	0.8	0.9	10.5	39.0	50	210	500
	0.75	0.21	1.13	0.6	1.0	7.5	0.8	1.2	11.5	26.0	50	240	500
	1	0.21	1.31	0.6	1.0	8.0	0.8	1.2	12.0	19.5	50	260	500
	1.5	0.26	1.58	0.6	1.0	8.5	0.8	1.2	12.5	13.3	50	280	500
	2.5	0.26	2.04	0.7	1.0	9.5	0.8	1.2	14.0	7.98	50	350	500
	4	0.31	2.59	0.8	1.0	11.0	0.8	1.2	15.5	4.95	50	440	500
3	6	0.31	3.60	0.8	1.0	13.0	1.25	1.4	19.0	3.30	50	700	500
	0.5	0.21	0.92	0.6	1.0	7.5	0.8	1.2	11.5	39.0	50	240	500
	0.75	0.21	1.13	0.6	1.0	8.0	0.8	1.2	12.0	26.0	50	260	500
	1	0.21	1.31	0.6	1.0	8.0	0.8	1.2	12.5	19.5	50	280	500
	1.5	0.26	1.58	0.6	1.0	9.0	0.8	1.2	13.0	13.3	50	320	500
	2.5	0.26	2.04	0.7	1.0	10.0	0.8	1.2	14.5	7.98	50	400	500
6	4	0.31	2.59	0.8	1.0	12.0	1.25	1.2	17.0	4.95	50	620	500
	6	0.31	3.60	0.8	1.0	14.0	1.25	1.4	20.0	3.30	50	810	500

600 V CVV-SWA

No. of core	Conductor			Thickness of insulation mm (Nominal)	Thickness of inner sheath mm (Approx.)	Diameter under armour mm (Approx.)	Diameter of wire armour mm (Nominal)	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	8.0	0.8	1.2	12.0	39.0	50	270	500
	0.75	0.21	1.13	0.6	1.0	8.5	0.8	1.2	12.5	26.0	50	290	500
	1	0.21	1.31	0.6	1.0	9.0	0.8	1.2	13.0	19.5	50	320	500
	1.5	0.26	1.58	0.6	1.0	9.5	0.8	1.2	14.0	13.3	50	360	500
	2.5	0.26	2.04	0.7	1.0	11.0	0.8	1.2	15.5	7.98	50	460	500
	4	0.31	2.59	0.8	1.0	13.0	1.25	1.4	19.0	4.95	50	740	500
5	6	0.31	3.60	0.8	1.0	15.5	1.25	1.4	21.0	3.30	50	930	500
	0.5	0.21	0.92	0.6	1.0	8.5	0.8	1.2	13.0	39.0	50	290	500
	0.75	0.21	1.13	0.6	1.0	9.0	0.8	1.2	13.5	26.0	50	330	500
	1	0.21	1.31	0.6	1.0	9.5	0.8	1.2	14.0	19.5	50	360	500
	1.5	0.26	1.58	0.6	1.0	10.5	0.8	1.2	14.5	13.3	50	410	500
	2.5	0.26	2.04	0.7	1.0	12.0	1.25	1.4	18.0	7.98	50	670	500
6	4	0.31	2.59	0.8	1.0	14.5	1.25	1.4	20.0	4.95	50	850	500
	6	0.31	3.60	0.8	1.0	17.0	1.25	1.4	22.5	3.30	50	1,080	500
	0.5	0.21	0.92	0.6	1.0	9.0	0.8	1.2	13.5	39.0	50	320	500
	0.75	0.21	1.13	0.6	1.0	10.0	0.8	1.2	14.0	26.0	50	360	500
	1	0.21	1.31	0.6	1.0	10.5	0.8	1.2	15.0	19.5	50	390	500
	1.5	0.26	1.58	0.6	1.0	11.0	0.8	1.2	15.5	13.3	50	440	500
7	2.5	0.26	2.04	0.7	1.0	13.0	1.25	1.4	19.0	7.98	50	720	500
	4	0.31	2.59	0.8	1.0	15.5	1.25	1.4	21.5	4.95	50	920	500
	6	0.31	3.60	0.8	1.0	18.5	1.6	1.4	25.0	3.30	50	1,320	500
	0.5	0.21	0.92	0.6	1.0	9.0	0.8	1.2	13.5	39.0	50	320	500
	0.75	0.21	1.13	0.6	1.0	10.0	0.8	1.2	14.0	26.0	50	360	500
	1	0.21	1.31	0.6	1.0	10.5	0.8	1.2	15.0	19.5	50	400	500
8	1.5	0.26	1.58	0.6	1.0	11.0	0.8	1.2	15.5	13.3	50	460	500
	2.5	0.26	2.04	0.7	1.0	13.0	1.25	1.4	19.0	7.98	50	740	500
	4	0.31	2.59	0.8	1.0	15.5	1.25	1.4	21.5	4.95	50	960	500
	6	0.31	3.60	0.8	1.0	18.5	1.6	1.4	25.0	3.30	50	1,380	500
	0.5	0.21	0.92	0.6	1.0	10.0	0.8	1.2	14.5	39.0	50	350	500
	0.75	0.21	1.13	0.6	1.0	10.5	0.8	1.2	15.0	26.0	50	400	500
9	1	0.21	1.31	0.6	1.0	11.0	1.25	1.2	16.5	19.5	50	540	500
	1.5	0.26	1.58	0.6	1.0	12.0	1.25	1.4	18.0	13.3	50	640	500
	2.5	0.26	2.04	0.7	1.0	14.5	1.25	1.4	20.0	7.98	50	820	500
	4	0.31	2.59	0.8	1.0	17.0	1.6	1.4	23.5	4.95	50	1,180	500
	6	0.31	3.60	0.8	1.0	20.0	1.6	1.4	26.5	3.30	50	1,520	500
	0.5	0.21	0.92	0.6	1.0	10.5	0.8	1.2	15.0	39.0	50	380	500
10	0.75	0.21	1.13	0.6	1.0	11.5	1.25	1.2	16.5	26.0	50	540	500
	1	0.21	1.31	0.6	1.0	12.0	1.25	1.4	17.5	19.5	50	600	500
	1.5	0.26	1.58	0.6	1.0	13.0	1.25	1.4	18.5	13.3	50	690	500
	2.5	0.26	2.04	0.7	1.0	15.5	1.25	1.4	21.0	7.98	50	900	500
	4	0.31	2.59	0.8	1.0	18.5	1.6	1.4	24.5	4.95	50	1,310	500
	6	0.31	3.60	0.8	1.0	22.0	1.6	1.4	28.5	3.30	50	1,680	500

600 V CVV-SWA

No. of core	Conductor			Thickness	Thickness	Diameter	Diameter	Thickness	Overall	DC.	Insulation	Cable	Standard
	Cross-sectional area mm ²	Dia. of wires mm (Max.)	Diameter mm (Approx.)	of insulation mm (Nominal)	of inner sheath mm (Approx.)	under armour mm (Approx.)	of wire armour mm (Nominal)	of outer sheath mm (Nominal)	diameter mm (Approx.)	conductor resistance at 20°C Ω/km (Max.)	resistance at 20°C MΩ.km (Min.)	weight kg/km (Approx.)	length m/drum
10	0.5	0.21	0.92	0.6	1.0	11.5	0.8	1.2	16.0	39.0	50	410	500
	0.75	0.21	1.13	0.6	1.0	12.5	1.25	1.4	18.0	26.0	50	600	500
	1	0.21	1.31	0.6	1.0	13.0	1.25	1.4	18.5	19.5	50	660	500
	1.5	0.26	1.58	0.6	1.0	14.0	1.25	1.4	20.0	13.3	50	750	500
	2.5	0.26	2.04	0.7	1.0	17.0	1.25	1.4	22.5	7.98	50	970	500
	4	0.31	2.59	0.8	1.0	20.0	1.6	1.4	26.5	4.95	50	1,420	500
	6	0.31	3.60	0.8	1.0	24.0	1.6	1.8	31.0	3.30	50	1,890	500
11	0.5	0.21	0.92	0.6	1.0	12.0	0.8	1.2	16.0	39.0	50	430	500
	0.75	0.21	1.13	0.6	1.0	12.5	1.25	1.4	18.5	26.0	50	630	500
	1	0.21	1.31	0.6	1.0	13.5	1.25	1.4	19.0	19.5	50	690	500
	1.5	0.26	1.58	0.6	1.0	14.5	1.25	1.4	20.5	13.3	50	800	500
	2.5	0.26	2.04	0.7	1.0	17.5	1.25	1.4	23.0	7.98	50	1,040	500
	4	0.31	2.59	0.8	1.0	20.5	1.6	1.4	27.0	4.95	50	1,530	500
	6	0.31	3.60	0.8	1.0	25.0	1.6	1.8	32.0	3.30	50	2,030	500
12	0.5	0.21	0.92	0.6	1.0	12.0	1.25	1.2	17.0	39.0	50	560	500
	0.75	0.21	1.13	0.6	1.0	12.5	1.25	1.4	18.5	26.0	50	640	500
	1	0.21	1.31	0.6	1.0	13.5	1.25	1.4	19.0	19.5	50	700	500
	1.5	0.26	1.58	0.6	1.0	14.5	1.25	1.4	20.5	13.3	50	810	500
	2.5	0.26	2.04	0.7	1.0	17.5	1.6	1.4	24.0	7.98	50	1,190	500
	4	0.31	2.59	0.8	1.0	20.5	1.6	1.4	27.0	4.95	50	1,560	500
	6	0.31	3.60	0.8	1.0	25.0	1.6	1.8	32.0	3.30	50	2,080	500
13	0.5	0.21	0.92	0.6	1.0	12.5	1.25	1.4	18.0	39.0	50	600	500
	0.75	0.21	1.13	0.6	1.0	13.5	1.25	1.4	19.0	26.0	50	680	500
	1	0.21	1.31	0.6	1.0	14.0	1.25	1.4	20.0	19.5	50	750	500
	1.5	0.26	1.58	0.6	1.0	15.5	1.25	1.4	21.0	13.3	50	870	500
	2.5	0.26	2.04	0.7	1.0	18.5	1.6	1.4	25.0	7.98	50	1,280	500
	4	0.31	2.59	0.8	1.0	21.5	1.6	1.4	28.0	4.95	50	1,680	500
	6	0.31	3.60	0.8	1.0	26.0	1.6	1.8	33.5	3.30	50	2,250	500
14	0.5	0.21	0.92	0.6	1.0	12.5	1.25	1.4	18.0	39.0	50	610	500
	0.75	0.21	1.13	0.6	1.0	13.5	1.25	1.4	19.0	26.0	50	690	500
	1	0.21	1.31	0.6	1.0	14.0	1.25	1.4	20.0	19.5	50	760	500
	1.5	0.26	1.58	0.6	1.0	15.5	1.25	1.4	21.0	13.3	50	880	500
	2.5	0.26	2.04	0.7	1.0	18.5	1.6	1.4	25.0	7.98	50	1,300	500
	4	0.31	2.59	0.8	1.0	21.5	1.6	1.4	28.0	4.95	50	1,710	500
	6	0.31	3.60	0.8	1.0	26.0	1.6	1.8	33.5	3.30	50	2,300	500
15	0.5	0.21	0.92	0.6	1.0	13.0	1.25	1.4	19.0	39.0	50	650	500
	0.75	0.21	1.13	0.6	1.0	14.0	1.25	1.4	19.5	26.0	50	730	500
	1	0.21	1.31	0.6	1.0	15.0	1.25	1.4	20.5	19.5	50	810	500
	1.5	0.26	1.58	0.6	1.0	16.0	1.25	1.4	22.0	13.3	50	940	500
	2.5	0.26	2.04	0.7	1.0	19.5	1.6	1.4	26.0	7.98	50	1,390	500
	4	0.31	2.59	0.8	1.0	23.0	1.6	1.8	30.5	4.95	50	1,890	500
	6	0.31	3.60	0.8	1.0	27.5	1.6	1.8	35.0	3.30	50	2,480	500

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No. of core	Conductor			Thickness	Thickness	Diameter	Diameter	Thickness	Overall	DC.	Insulation	Cable	Standard
	Cross-sectional area mm ²	Dia. of wires mm (Max.)	Diameter mm (Approx.)	of insulation mm (Nominal)	of inner sheath mm (Approx.)	under armour mm (Approx.)	of wire armour mm (Nominal)	of outer sheath mm (Nominal)	diameter mm (Approx.)	conductor resistance at 20°C Ω/km (Max.)	resistance at 20°C MΩ.km (Min.)	weight kg/km (Approx.)	length m/drum
16	0.5	0.21	0.92	0.6	1.0	13.0	1.25	1.4	19.0	39.0	50	660	500
	0.75	0.21	1.13	0.6	1.0	14.0	1.25	1.4	20.0	26.0	50	740	500
	1	0.21	1.31	0.6	1.0	15.0	1.25	1.4	20.5	19.5	50	810	500
	1.5	0.26	1.58	0.6	1.0	16.0	1.25	1.4	22.0	13.3	50	960	500
	2.5	0.26	2.04	0.7	1.0	19.5	1.6	1.4	26.0	7.98	50	1,410	500
	4	0.31	2.59	0.8	1.0	23.0	1.6	1.8	29.5	4.95	50	1,870	500
	6	0.31	3.60	0.8	1.0	27.5	1.6	1.8	35.0	3.30	50	2,530	500
17	0.5	0.21	0.92	0.6	1.0	13.5	1.25	1.4	19.5	39.0	50	700	500
	0.75	0.21	1.13	0.6	1.0	15.0	1.25	1.4	20.5	26.0	50	790	500
	1	0.21	1.31	0.6	1.0	15.5	1.25	1.4	21.5	19.5	50	870	500
	1.5	0.26	1.58	0.6	1.0	17.0	1.25	1.4	22.5	13.3	50	1,020	500
	2.5	0.26	2.04	0.7	1.0	20.5	1.6	1.4	27.0	7.98	50	1,510	500
	4	0.31	2.59	0.8	1.0	24.5	1.6	1.8	31.5	4.95	50	2,070	500
	6	0.31	3.60	0.8	1.0	29.5	1.6	1.8	36.5	3.30	50	2,710	500
18	0.5	0.21	0.92	0.6	1.0	13.5	1.25	1.4	19.5	39.0	50	700	500
	0.75	0.21	1.13	0.6	1.0	15.0	1.25	1.4	20.5	26.0	50	790	500
	1	0.21	1.31	0.6	1.0	15.5	1.25	1.4	21.5	19.5	50	880	500
	1.5	0.26	1.58	0.6	1.0	17.0	1.25	1.4	22.5	13.3	50	1,030	500
	2.5	0.26	2.04	0.7	1.0	20.5	1.6	1.4	27.0	7.98	50	1,530	500
	4	0.31	2.59	0.8	1.0	24.5	1.6	1.8	31.5	4.95	50	2,110	500
	6	0.31	3.60	0.8	1.0	29.5	1.6	1.8	36.5	3.30	50	2,760	500
19	0.5	0.21	0.92	0.6	1.0	13.5	1.25	1.4	19.5	39.0	50	710	500
	0.75	0.21	1.13	0.6	1.0	15.0	1.25	1.4	20.5	26.0	50	800	500
	1	0.21	1.31	0.6	1.0	15.5	1.25	1.4	21.5	19.5	50	890	500
	1.5	0.26	1.58	0.6	1.0	17.0	1.25	1.4	22.5	13.3	50	1,040	500
	2.5	0.26	2.04	0.7	1.0	20.5	1.6	1.4	27.0	7.98	50	1,550	500
	4	0.31	2.59	0.8	1.0	24.5	1.6	1.8	31.5	4.95	50	2,140	500
	6	0.31	3.60	0.8	1.0	29.5	1.6	1.8	36.5	3.30	50	2,810	500
20	0.5	0.21	0.92	0.6	1.0	14.5	1.25	1.4	20.0	39.0	50	750	500
	0.75	0.21	1.13	0.6	1.0	15.5	1.25	1.4	21.0	26.0	50	850	500
	1	0.21	1.31	0.6	1.0	16.5	1.25	1.4	22.0	19.5	50	940	500
	1.5	0.26	1.58	0.6	1.0	18.0	1.6	1.4	24.5	13.3	50	1,240	500
	2.5	0.26	2.04	0.7	1.0	21.5	1.6	1.4	28.0	7.98	50	1,670	500
	4	0.31	2.59	0.8	1.0	25.5	1.6	1.8	33.0	4.95	50	2,290	500
	6	0.31	3.60	0.8	1.0	31.0	2.0	1.8	39.0	3.30	50	3,260	500
21	0.5	0.21	0.92	0.6	1.0	14.5	1.25	1.4	20.0	39.0	50	750	500
	0.75	0.21	1.13	0.6	1.0	15.5	1.25	1.4	21.0	26.0	50	850	500
	1	0.21	1.31	0.6	1.0	16.5	1.25	1.4	22.0	19.5	50	950	500
	1.5	0.26	1.58	0.6	1.0	18.0	1.6	1.4	24.5	13.3	50	1,250	500
	2.5	0.26	2.04	0.7	1.0	21.5	1.6	1.4	28.0	7.98	50	1,680	500
	4	0.31	2.59	0.8	1.0	25.5	1.6	1.8	33.0	4.95	50	2,310	500
	6	0.31	3.60	0.8	1.0	31.0	2.0	1.8	39.0	3.30	50	3,300	500

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No. of core	Conductor			Thickness of insulation mm (Nominal)	Thickness of inner sheath mm (Approx.)	Diameter under armour mm (Approx.)	Diameter of wire armour mm (Nominal)	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	15.0	1.25	1.4	21.0	39.0	50	800	500
	0.75	0.21	1.13	0.6	1.0	16.5	1.25	1.4	22.0	26.0	50	910	500
	1	0.21	1.31	0.6	1.0	17.5	1.6	1.4	23.5	19.5	50	1,140	500
	1.5	0.26	1.58	0.6	1.0	19.0	1.6	1.4	25.0	13.3	50	1,330	500
	2.5	0.26	2.04	0.7	1.0	22.5	1.6	1.8	30.0	7.98	50	1,850	500
	4	0.31	2.59	0.8	1.0	27.0	1.6	1.8	34.5	4.95	50	2,460	500
	6	0.31	3.60	0.8	1.0	32.5	2.0	1.8	40.5	3.30	50	3,540	400
23	0.5	0.21	0.92	0.6	1.0	15.0	1.25	1.4	21.0	39.0	50	800	500
	0.75	0.21	1.13	0.6	1.0	16.5	1.25	1.4	22.0	26.0	50	910	500
	1	0.21	1.31	0.6	1.0	17.5	1.6	1.4	23.5	19.5	50	1,140	500
	1.5	0.26	1.58	0.6	1.0	19.0	1.6	1.4	25.0	13.3	50	1,330	500
	2.5	0.26	2.04	0.7	1.0	22.5	1.6	1.8	30.0	7.98	50	1,860	500
	4	0.31	2.59	0.8	1.0	27.0	1.6	1.8	34.5	4.95	50	2,470	500
	6	0.31	3.60	0.8	1.0	32.5	2.0	1.8	40.5	3.30	50	3,560	400
24	0.5	0.21	0.92	0.6	1.0	16.0	1.25	1.4	21.5	39.0	50	830	500
	0.75	0.21	1.13	0.6	1.0	17.0	1.6	1.4	23.5	26.0	50	1,080	500
	1	0.21	1.31	0.6	1.0	18.5	1.6	1.4	24.5	19.5	50	1,200	500
	1.5	0.26	1.58	0.6	1.0	20.0	1.6	1.4	26.5	13.3	50	1,400	500
	2.5	0.26	2.04	0.7	1.0	24.0	1.6	1.8	31.5	7.98	50	1,930	500
	4	0.31	2.59	0.8	1.0	28.5	2.0	1.8	36.5	4.95	50	2,830	500
	6	0.31	3.60	0.8	1.2	35.0	2.0	2.2	44.0	3.30	50	3,850	400
25	0.5	0.21	0.92	0.6	1.0	16.5	1.25	1.4	22.0	39.0	50	870	500
	0.75	0.21	1.13	0.6	1.0	17.5	1.6	1.4	24.0	26.0	50	1,130	500
	1	0.21	1.31	0.6	1.0	18.5	1.6	1.4	25.0	19.5	50	1,250	500
	1.5	0.26	1.58	0.6	1.0	20.5	1.6	1.4	27.0	13.3	50	1,460	500
	2.5	0.26	2.04	0.7	1.0	24.5	1.6	1.8	32.0	7.98	50	2,030	500
	4	0.31	2.59	0.8	1.0	29.5	2.0	1.8	37.5	4.95	50	2,960	500
	6	0.31	3.60	0.8	1.2	36.0	2.0	2.2	45.0	3.30	50	4,030	400
26	0.5	0.21	0.92	0.6	1.0	16.5	1.25	1.4	22.0	39.0	50	870	500
	0.75	0.21	1.13	0.6	1.0	17.5	1.6	1.4	24.0	26.0	50	1,140	500
	1	0.21	1.31	0.6	1.0	18.5	1.6	1.4	25.0	19.5	50	1,260	500
	1.5	0.26	1.58	0.6	1.0	20.5	1.6	1.4	27.0	13.3	50	1,470	500
	2.5	0.26	2.04	0.7	1.0	24.5	1.6	1.8	32.0	7.98	50	2,050	500
	4	0.31	2.59	0.8	1.0	29.5	2.0	1.8	37.5	4.95	50	2,990	500
	6	0.31	3.60	0.8	1.2	36.0	2.0	2.2	45.0	3.30	50	4,080	400
27	0.5	0.21	0.92	0.6	1.0	16.5	1.25	1.4	22.0	39.0	50	870	500
	0.75	0.21	1.13	0.6	1.0	17.5	1.6	1.4	24.0	26.0	50	1,140	500
	1	0.21	1.31	0.6	1.0	18.5	1.6	1.4	25.0	19.5	50	1,270	500
	1.5	0.26	1.58	0.6	1.0	20.5	1.6	1.4	27.0	13.3	50	1,480	500
	2.5	0.26	2.04	0.7	1.0	24.5	1.6	1.8	32.0	7.98	50	2,070	500
	4	0.31	2.59	0.8	1.0	29.5	2.0	1.8	37.5	4.95	50	3,020	500
	6	0.31	3.60	0.8	1.2	36.0	2.0	2.2	45.0	3.30	50	4,140	400

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No. of core	Conductor			Thickness of insulation mm (Nominal)	Thickness of inner sheath mm (Approx.)	Diameter under armour mm (Approx.)	Diameter of wire armour mm (Nominal)	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	17.0	1.25	1.4	22.5	39.0	50	920	500
	0.75	0.21	1.13	0.6	1.0	18.0	1.60	1.4	24.5	26.0	50	1,190	500
	1	0.21	1.31	0.6	1.0	19.5	1.6	1.4	26.0	19.5	50	1,320	500
	1.5	0.26	1.58	0.6	1.0	21.0	1.6	1.4	27.5	13.3	50	1,560	500
	2.5	0.26	2.04	0.7	1.0	25.5	1.6	1.8	33.0	7.98	50	2,160	500
	4	0.31	2.59	0.8	1.0	30.5	2.0	1.8	38.5	4.95	50	3,180	500
29	6	0.31	3.60	0.8	1.2	37.5	2.0	2.2	46.5	3.30	50	4,330	400
	0.5	0.21	0.92	0.6	1.0	17.0	1.25	1.4	22.5	39.0	50	930	500
	0.75	0.21	1.13	0.6	1.0	18.0	1.6	1.4	24.5	26.0	50	1,200	500
	1	0.21	1.31	0.6	1.0	19.5	1.6	1.4	26.0	19.5	50	1,330	500
	1.5	0.26	1.58	0.6	1.0	21.0	1.6	1.4	27.5	13.3	50	1,570	500
	2.5	0.26	2.04	0.7	1.0	25.5	1.6	1.8	33.0	7.98	50	2,180	500
30	4	0.31	2.59	0.8	1.0	30.5	2.0	1.8	38.5	4.95	50	3,210	500
	6	0.31	3.60	0.8	1.2	37.5	2.0	2.2	46.5	3.30	50	4,380	400
	0.5	0.21	0.92	0.6	1.0	17.0	1.25	1.4	22.5	39.0	50	930	500
	0.75	0.21	1.13	0.6	1.0	18.0	1.6	1.4	24.5	26.0	50	1,200	500
	1	0.21	1.31	0.6	1.0	19.5	1.6	1.4	26.0	19.5	50	1,340	500
	1.5	0.26	1.58	0.6	1.0	21.0	1.6	1.4	27.5	13.3	50	1,580	500
	2.5	0.26	2.04	0.7	1.0	25.5	1.6	1.8	33.0	7.98	50	2,200	500
	4	0.31	2.59	0.8	1.0	30.5	2.0	1.8	38.5	4.95	50	3,240	500
	6	0.31	3.60	0.8	1.2	37.5	2.0	2.2	46.5	3.30	50	4,430	400