

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

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No. of core	Conductor			Thickness of insulation	Thickness of sheath	Overall diameter	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.)							
	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
16	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
	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
17	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
	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
18	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
	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
19	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
	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
20	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
	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
21	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	Thickness of sheath	Overall diameter	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