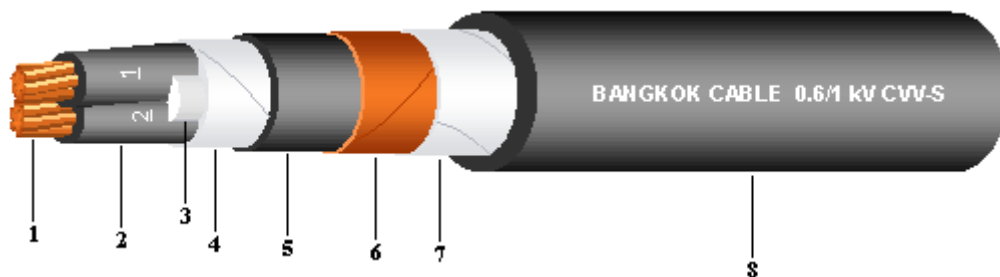


0.6/1 kV CVVS

IEC 60502-2 (2-30 CORE)



Construction :

1. Conductor : Concentric Stranded annealed copper wires
2. Insulation : PVC Black color
Identification : Printed White number on the surface of Black insulation
3. Filler : Non-hygroscopic material
4. Binding tape : Non-hygroscopic material
5. Inner sheath : Polyvinyl chloride (PVC) Black color
6. Shield : Annealed copper tape
7. Binding tape : Suitable tape
8. Outer sheath: Polyvinyl chloride (PVC) Black color

Application :

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

No. of core	Conductor			Thickness of insulation (Nominal)	Thickness of inner Sheath (Approx.)	Thickness of outer Sheath (Nominal)	Overall diameter (Approx.)	Maximum conductor resistance (at 20°C)	Minimum insulation resistance (at 70°C)	Cable weight (Approx.)	Standard Length
	Nominal cross-sectional area	No. & dia. of wires	Diameter (Approx.)								
	sq.mm	No./mm	mm								
2	0.5	7/0.30	0.90	0.8	1.0	1.8	12.5	36.0	0.0162	180	500/D
	0.75	7/0.37	1.11	0.8	1.0	1.8	13.0	24.5	0.0142	190	500/D
	1	7/0.43	1.29	0.8	1.0	1.8	13.5	18.1	0.0128	210	500/D
	1.5	7/0.52	1.56	0.8	1.0	1.8	14.0	12.1	0.0112	230	500/D
	2.5	7/0.67	2.01	0.8	1.0	1.8	15.0	7.41	0.0093	270	500/D
	4	7/0.85	2.55	1.0	1.0	1.8	17.0	4.61	0.0092	360	500/D
3	6	7/1.04	3.12	1.0	1.0	1.8	18.0	3.08	0.0078	440	500/D
	0.5	7/0.30	0.90	0.8	1.0	1.8	13.0	36.0	0.0162	200	500/D
	0.75	7/0.37	1.11	0.8	1.0	1.8	13.5	24.5	0.0142	220	500/D
	1	7/0.43	1.29	0.8	1.0	1.8	14.0	18.1	0.0128	230	500/D
	1.5	7/0.52	1.56	0.8	1.0	1.8	14.5	12.1	0.0112	260	500/D
	2.5	7/0.67	2.01	0.8	1.0	1.8	15.5	7.41	0.0093	320	500/D
4	4	7/0.85	2.55	1.0	1.0	1.8	17.5	4.61	0.0092	430	500/D
	6	7/1.04	3.12	1.0	1.0	1.8	19.0	3.08	0.0078	520	500/D
	0.5	7/0.30	0.90	0.8	1.0	1.8	14.0	36.0	0.0162	220	500/D
	0.75	7/0.37	1.11	0.8	1.0	1.8	14.5	24.5	0.0142	240	500/D
	1	7/0.43	1.29	0.8	1.0	1.8	15.0	18.1	0.0128	270	500/D
	1.5	7/0.52	1.56	0.8	1.0	1.8	15.5	12.1	0.0112	300	500/D
5	2.5	7/0.67	2.01	0.8	1.0	1.8	16.5	7.41	0.0093	370	500/D
	4	7/0.85	2.55	1.0	1.0	1.8	19.0	4.61	0.0092	510	500/D
	6	7/1.04	3.12	1.0	1.0	1.8	20.5	3.08	0.0078	630	500/D
	0.5	7/0.30	0.90	0.8	1.0	1.8	14.5	36.0	0.0162	250	500/D
	0.75	7/0.37	1.11	0.8	1.0	1.8	15.0	24.5	0.0142	280	500/D
	1	7/0.43	1.29	0.8	1.0	1.8	15.5	18.1	0.0128	310	500/D
5	1.5	7/0.52	1.56	0.8	1.0	1.8	16.5	12.1	0.0112	350	500/D

	2.5	7/0.67	2.01	0.8	1.0	1.8	17.5	7.41	0.0093	440	500/D
	4	7/0.85	2.55	1.0	1.0	1.8	20.5	4.61	0.0092	610	500/D
	6	7/1.04	3.12	1.0	1.0	1.8	22.0	3.08	0.0078	760	500/D
6	0.5	7/0.30	0.90	0.8	1.0	1.8	15.5	36.0	0.0162	260	500/D
	0.75	7/0.37	1.11	0.8	1.0	1.8	16.0	24.5	0.0142	300	500/D
	1	7/0.43	1.29	0.8	1.0	1.8	16.5	18.1	0.0128	330	500/D
	1.5	7/0.52	1.56	0.8	1.0	1.8	17.5	12.1	0.0112	380	500/D
	2.5	7/0.67	2.01	0.8	1.0	1.8	19.0	7.41	0.0093	470	500/D
	4	7/0.85	2.55	1.0	1.0	1.8	22.0	4.61	0.0092	660	500/D
7	6	7/1.04	3.12	1.0	1.0	1.8	23.5	3.08	0.0078	830	500/D
	0.5	7/0.30	0.90	0.8	1.0	1.8	15.5	36.0	0.0162	270	500/D
	0.75	7/0.37	1.11	0.8	1.0	1.8	16.0	24.5	0.0142	310	500/D
	1	7/0.43	1.29	0.8	1.0	1.8	16.5	18.1	0.0128	340	500/D
	1.5	7/0.52	1.56	0.8	1.0	1.8	17.5	12.1	0.0112	390	500/D
	2.5	7/0.67	2.01	0.8	1.0	1.8	19.0	7.41	0.0093	500	500/D
	4	7/0.85	2.55	1.0	1.0	1.8	22.0	4.61	0.0092	700	500/D
8	6	7/1.04	3.12	1.0	1.0	1.8	23.5	3.08	0.0078	880	500/D
	0.5	7/0.30	0.90	0.8	1.0	1.8	16.5	36.0	0.0162	300	500/D
	0.75	7/0.37	1.11	0.8	1.0	1.8	17.0	24.5	0.0142	340	500/D
	1	7/0.43	1.29	0.8	1.0	1.8	17.5	18.1	0.0128	370	500/D
	1.5	7/0.52	1.56	0.8	1.0	1.8	18.5	12.1	0.0112	430	500/D
	2.5	7/0.67	2.01	0.8	1.0	1.8	20.0	7.41	0.0093	550	500/D
	4	7/0.85	2.55	1.0	1.0	1.8	23.5	4.61	0.0092	780	500/D
9	6	7/1.04	3.12	1.0	1.0	1.8	25.0	3.08	0.0078	990	500/D
	0.5	7/0.30	0.90	0.8	1.0	1.8	17.0	36.0	0.0162	330	500/D
	0.75	7/0.37	1.11	0.8	1.0	1.8	18.0	24.5	0.0142	370	500/D
	1	7/0.43	1.29	0.8	1.0	1.8	18.5	18.1	0.0128	410	500/D
	1.5	7/0.52	1.56	0.8	1.0	1.8	19.5	12.1	0.0112	480	500/D
	2.5	7/0.67	2.01	0.8	1.0	1.8	21.0	7.41	0.0093	610	500/D
	4	7/0.85	2.55	1.0	1.0	1.8	25.0	4.61	0.0092	870	500/D
10	6	7/1.04	3.12	1.0	1.0	1.8	27.0	3.08	0.0078	1110	500/D
	0.5	7/0.30	0.90	0.8	1.0	1.8	18.0	36.0	0.0162	350	500/D
	0.75	7/0.37	1.11	0.8	1.0	1.8	19.0	24.5	0.0142	400	500/D
	1	7/0.43	1.29	0.8	1.0	1.8	20.0	18.1	0.0128	440	500/D
	1.5	7/0.52	1.56	0.8	1.0	1.8	21.0	12.1	0.0112	520	500/D
	2.5	7/0.67	2.01	0.8	1.0	1.8	22.5	7.41	0.0093	670	500/D
11	4	7/0.85	2.55	1.0	1.0	1.8	26.5	4.61	0.0092	950	500/D
	6	7/1.04	3.12	1.0	1.0	1.8	29.0	3.08	0.0078	1210	500/D
	0.5	7/0.30	0.90	0.8	1.0	1.8	18.5	36.0	0.0162	370	500/D
	0.75	7/0.37	1.11	0.8	1.0	1.8	19.5	24.5	0.0142	430	500/D
	1	7/0.43	1.29	0.8	1.0	1.8	20.5	18.1	0.0128	480	500/D
	1.5	7/0.52	1.56	0.8	1.0	1.8	21.5	12.1	0.0112	560	500/D
12	2.5	7/0.67	2.01	0.8	1.0	1.8	23.5	7.41	0.0093	730	500/D
	4	7/0.85	2.55	1.0	1.0	1.8	27.5	4.61	0.0092	1040	500/D
	6	7/1.04	3.12	1.0	1.0	1.8	30.0	3.08	0.0078	1330	500/D
	0.5	7/0.30	0.90	0.8	1.0	1.8	18.5	36.0	0.0162	380	500/D
	0.75	7/0.37	1.11	0.8	1.0	1.8	19.5	24.5	0.0142	440	500/D
	1	7/0.43	1.29	0.8	1.0	1.8	20.5	18.1	0.0128	490	500/D
13	1.5	7/0.52	1.56	0.8	1.0	1.8	21.5	12.1	0.0112	580	500/D
	2.5	7/0.67	2.01	0.8	1.0	1.8	23.5	7.41	0.0093	750	500/D
	4	7/0.85	2.55	1.0	1.0	1.8	27.5	4.61	0.0092	1080	500/D
	6	7/1.04	3.12	1.0	1.0	1.8	30.0	3.08	0.0078	1390	500/D
	0.5	7/0.30	0.90	0.8	1.0	1.8	19.5	36.0	0.0162	410	500/D
	0.75	7/0.37	1.11	0.8	1.0	1.8	20.5	24.5	0.0142	470	500/D
14	1	7/0.43	1.29	0.8	1.0	1.8	21.0	18.1	0.0128	530	500/D
	1.5	7/0.52	1.56	0.8	1.0	1.8	22.5	12.1	0.0112	630	500/D
	2.5	7/0.67	2.01	0.8	1.0	1.8	24.5	7.41	0.0093	810	500/D
	4	7/0.85	2.55	1.0	1.0	1.8	28.5	4.61	0.0092	1180	500/D
	6	7/1.04	3.12	1.0	1.0	1.8	31.0	3.08	0.0078	1520	500/D
	14	0.5	7/0.30	0.90	0.8	1.0	1.8	19.5	36.0	0.0162	420
0.75		7/0.37	1.11	0.8	1.0	1.8	20.5	24.5	0.0142	480	500/D
1		7/0.43	1.29	0.8	1.0	1.8	21.0	18.1	0.0128	540	500/D
1.5		7/0.52	1.56	0.8	1.0	1.8	22.5	12.1	0.0112	640	500/D

	2.5	7/0.67	2.01	0.8	1.0	1.8	24.5	7.41	0.0093	840	500/D
	4	7/0.85	2.55	1.0	1.0	1.8	28.5	4.61	0.0092	1210	500/D
	6	7/1.04	3.12	1.0	1.0	1.8	31.0	3.08	0.0078	1570	500/D
15	0.5	7/0.30	0.90	0.8	1.0	1.8	20.0	36.0	0.0162	450	500/D
	0.75	7/0.37	1.11	0.8	1.0	1.8	21.0	24.5	0.0142	520	500/D
	1	7/0.43	1.29	0.8	1.0	1.8	22.0	18.1	0.0128	590	500/D
	1.5	7/0.52	1.56	0.8	1.0	1.8	23.0	12.1	0.0112	700	500/D
	2.5	7/0.67	2.01	0.8	1.0	1.8	25.5	7.41	0.0093	910	500/D
	4	7/0.85	2.55	1.0	1.0	1.8	30.0	4.61	0.0092	1320	500/D
16	0.5	7/0.30	0.90	0.8	1.0	1.8	20.0	36.0	0.0162	460	500/D
	0.75	7/0.37	1.11	0.8	1.0	1.8	21.0	24.5	0.0142	530	500/D
	1	7/0.43	1.29	0.8	1.0	1.8	22.0	18.1	0.0128	600	500/D
	1.5	7/0.52	1.56	0.8	1.0	1.8	23.0	12.1	0.0112	710	500/D
	2.5	7/0.67	2.01	0.8	1.0	1.8	25.5	7.41	0.0093	930	500/D
	4	7/0.85	2.55	1.0	1.0	1.8	30.0	4.61	0.0092	1360	500/D
17	0.5	7/0.30	0.90	0.8	1.0	1.8	21.0	36.0	0.0162	490	500/D
	0.75	7/0.37	1.11	0.8	1.0	1.8	22.0	24.5	0.0142	570	500/D
	1	7/0.43	1.29	0.8	1.0	1.8	23.0	18.1	0.0128	640	500/D
	1.5	7/0.52	1.56	0.8	1.0	1.8	24.0	12.1	0.0112	770	500/D
	2.5	7/0.67	2.01	0.8	1.0	1.8	26.5	7.41	0.0093	1010	500/D
	4	7/0.85	2.55	1.0	1.0	1.8	31.5	4.61	0.0092	1470	500/D
18	0.5	7/0.30	0.90	0.8	1.0	1.8	21.0	36.0	0.0162	500	500/D
	0.75	7/0.37	1.11	0.8	1.0	1.8	22.0	24.5	0.0142	580	500/D
	1	7/0.43	1.29	0.8	1.0	1.8	23.0	18.1	0.0128	650	500/D
	1.5	7/0.52	1.56	0.8	1.0	1.8	24.0	12.1	0.0112	780	500/D
	2.5	7/0.67	2.01	0.8	1.0	1.8	26.5	7.41	0.0093	1030	500/D
	4	7/0.85	2.55	1.0	1.0	1.8	31.5	4.61	0.0092	1510	500/D
19	0.5	7/0.30	0.90	0.8	1.0	1.8	21.0	36.0	0.0162	500	500/D
	0.75	7/0.37	1.11	0.8	1.0	1.8	22.0	24.5	0.0142	590	500/D
	1	7/0.43	1.29	0.8	1.0	1.8	23.0	18.1	0.0128	660	500/D
	1.5	7/0.52	1.56	0.8	1.0	1.8	24.0	12.1	0.0112	790	500/D
	2.5	7/0.67	2.01	0.8	1.0	1.8	26.5	7.41	0.0093	1050	500/D
	4	7/0.85	2.55	1.0	1.0	1.8	31.5	4.61	0.0092	1540	500/D
20	0.5	7/0.30	0.90	0.8	1.0	1.8	22.0	36.0	0.0162	530	500/D
	0.75	7/0.37	1.11	0.8	1.0	1.8	23.0	24.5	0.0142	620	500/D
	1	7/0.43	1.29	0.8	1.0	1.8	24.0	18.1	0.0128	710	500/D
	1.5	7/0.52	1.56	0.8	1.0	1.8	25.5	12.1	0.0112	850	500/D
	2.5	7/0.67	2.01	0.8	1.0	1.8	27.5	7.41	0.0093	1130	500/D
	4	7/0.85	2.55	1.0	1.0	1.9	33.0	4.61	0.0092	1680	500/D
21	0.5	7/0.30	0.90	0.8	1.0	1.8	22.0	36.0	0.0162	540	500/D
	0.75	7/0.37	1.11	0.8	1.0	1.8	23.0	24.5	0.0142	630	500/D
	1	7/0.43	1.29	0.8	1.0	1.8	24.0	18.1	0.0128	720	500/D
	1.5	7/0.52	1.56	0.8	1.0	1.8	25.5	12.1	0.0112	860	500/D
	2.5	7/0.67	2.01	0.8	1.0	1.8	27.5	7.41	0.0093	1150	500/D
	4	7/0.85	2.55	1.0	1.0	1.9	33.0	4.61	0.0092	1700	500/D
22	0.5	7/0.30	0.90	0.8	1.0	1.8	22.5	36.0	0.0162	580	500/D
	0.75	7/0.37	1.11	0.8	1.0	1.8	24.0	24.5	0.0142	680	500/D
	1	7/0.43	1.29	0.8	1.0	1.8	25.0	18.1	0.0128	770	500/D
	1.5	7/0.52	1.56	0.8	1.0	1.8	26.5	12.1	0.0112	930	500/D
	2.5	7/0.67	2.01	0.8	1.0	1.8	29.0	7.41	0.0093	1240	500/D
	4	7/0.85	2.55	1.0	1.0	1.9	34.5	4.61	0.0092	1840	500/D
23	0.5	7/0.30	0.90	0.8	1.0	1.8	22.5	36.0	0.0162	590	500/D
	0.75	7/0.37	1.11	0.8	1.0	1.8	24.0	24.5	0.0142	690	500/D
	1	7/0.43	1.29	0.8	1.0	1.8	25.0	18.1	0.0128	780	500/D
	1.5	7/0.52	1.56	0.8	1.0	1.8	26.5	12.1	0.0112	940	500/D

	2.5	7/0.67	2.01	0.8	1.0	1.8	29.0	7.41	0.0093	1260	500/D
	4	7/0.85	2.55	1.0	1.0	1.9	34.5	4.61	0.0092	1880	500/D
	6	7/1.04	3.12	1.0	1.2	2.0	38.5	3.08	0.0078	2520	500/D
24	0.5	7/0.30	0.90	0.8	1.0	1.8	23.5	36.0	0.0162	600	500/D
	0.75	7/0.37	1.11	0.8	1.0	1.8	25.0	24.5	0.0142	710	500/D
	1	7/0.43	1.29	0.8	1.0	1.8	26.0	18.1	0.0128	810	500/D
	1.5	7/0.52	1.56	0.8	1.0	1.8	27.5	12.1	0.0112	970	500/D
	2.5	7/0.67	2.01	0.8	1.0	1.8	30.5	7.41	0.0093	1300	500/D
	4	7/0.85	2.55	1.0	1.2	2.0	37.5	4.61	0.0092	1980	500/D
25	0.5	7/0.30	0.90	0.8	1.0	1.8	24.0	36.0	0.0162	630	500/D
	0.75	7/0.37	1.11	0.8	1.0	1.8	25.5	24.5	0.0142	740	500/D
	1	7/0.43	1.29	0.8	1.0	1.8	26.5	18.1	0.0128	850	500/D
	1.5	7/0.52	1.56	0.8	1.0	1.8	28.0	12.1	0.0112	1030	500/D
	2.5	7/0.67	2.01	0.8	1.0	1.8	31.0	7.41	0.0093	1370	500/D
	4	7/0.85	2.55	1.0	1.2	2.0	38.0	4.61	0.0092	2100	500/D
26	0.5	7/0.30	0.90	0.8	1.0	1.8	24.0	36.0	0.0162	640	500/D
	0.75	7/0.37	1.11	0.8	1.0	1.8	25.5	24.5	0.0142	750	500/D
	1	7/0.43	1.29	0.8	1.0	1.8	26.5	18.1	0.0128	860	500/D
	1.5	7/0.52	1.56	0.8	1.0	1.8	28.0	12.1	0.0112	1040	500/D
	2.5	7/0.67	2.01	0.8	1.0	1.8	31.0	7.41	0.0093	1390	500/D
	4	7/0.85	2.55	1.0	1.2	2.0	38.0	4.61	0.0092	2130	500/D
27	0.5	7/0.30	0.90	0.8	1.0	1.8	24.0	36.0	0.0162	650	500/D
	0.75	7/0.37	1.11	0.8	1.0	1.8	25.5	24.5	0.0142	760	500/D
	1	7/0.43	1.29	0.8	1.0	1.8	26.5	18.1	0.0128	870	500/D
	1.5	7/0.52	1.56	0.8	1.0	1.8	28.0	12.1	0.0112	1050	500/D
	2.5	7/0.67	2.01	0.8	1.0	1.8	31.0	7.41	0.0093	1410	500/D
	4	7/0.85	2.55	1.0	1.2	2.0	38.0	4.61	0.0092	2170	500/D
28	0.5	7/0.30	0.90	0.8	1.0	1.8	25.0	36.0	0.0162	680	500/D
	0.75	7/0.37	1.11	0.8	1.0	1.8	26.0	24.5	0.0142	800	500/D
	1	7/0.43	1.29	0.8	1.0	1.8	27.5	18.1	0.0128	920	500/D
	1.5	7/0.52	1.56	0.8	1.0	1.8	29.0	12.1	0.0112	1110	500/D
	2.5	7/0.67	2.01	0.8	1.0	1.8	32.0	7.41	0.0093	1490	500/D
	4	7/0.85	2.55	1.0	1.2	2.0	39.5	4.61	0.0092	2290	500/D
29	0.5	7/0.30	0.90	0.8	1.0	1.8	25.0	36.0	0.0162	690	500/D
	0.75	7/0.37	1.11	0.8	1.0	1.8	26.0	24.5	0.0142	810	500/D
	1	7/0.43	1.29	0.8	1.0	1.8	27.5	18.1	0.0128	930	500/D
	1.5	7/0.52	1.56	0.8	1.0	1.8	29.0	12.1	0.0112	1130	500/D
	2.5	7/0.67	2.01	0.8	1.0	1.8	32.0	7.41	0.0093	1510	500/D
	4	7/0.85	2.55	1.0	1.2	2.0	39.5	4.61	0.0092	2330	500/D
30	0.5	7/0.30	0.90	0.8	1.0	1.8	25.0	36.0	0.0162	700	500/D
	0.75	7/0.37	1.11	0.8	1.0	1.8	26.0	24.5	0.0142	820	500/D
	1	7/0.43	1.29	0.8	1.0	1.8	27.5	18.1	0.0128	940	500/D
	1.5	7/0.52	1.56	0.8	1.0	1.8	29.0	12.1	0.0112	1140	500/D
	2.5	7/0.67	2.01	0.8	1.0	1.8	32.0	7.41	0.0093	1540	500/D
	4	7/0.85	2.55	1.0	1.2	2.0	39.5	4.61	0.0092	2360	500/D
30	0.5	7/0.30	0.90	0.8	1.0	1.8	25.0	36.0	0.0162	700	500/D
	0.75	7/0.37	1.11	0.8	1.0	1.8	26.0	24.5	0.0142	820	500/D
	1	7/0.43	1.29	0.8	1.0	1.8	27.5	18.1	0.0128	940	500/D
	1.5	7/0.52	1.56	0.8	1.0	1.8	29.0	12.1	0.0112	1140	500/D
	2.5	7/0.67	2.01	0.8	1.0	1.8	32.0	7.41	0.0093	1540	500/D
	4	7/0.85	2.55	1.0	1.2	2.0	39.5	4.61	0.0092	2360	500/D
30	0.5	7/0.30	0.90	0.8	1.0	1.8	25.0	36.0	0.0162	700	500/D
	0.75	7/0.37	1.11	0.8	1.0	1.8	26.0	24.5	0.0142	820	500/D
	1	7/0.43	1.29	0.8	1.0	1.8	27.5	18.1	0.0128	940	500/D
	1.5	7/0.52	1.56	0.8	1.0	1.8	29.0	12.1	0.0112	1140	500/D
	2.5	7/0.67	2.01	0.8	1.0	1.8	32.0	7.41	0.0093	1540	500/D
	4	7/0.85	2.55	1.0	1.2	2.0	39.5	4.61	0.0092	2360	500/D

The table of 0.6/1 KV CVVS shown concentric stranded conductor only
 If you want to have solid or flexible conductor type, please contact with our Sales Department.