

0.6/1 kV CVV

IEC 60502-2 (2-30 CORE)



Construction :

1. Conductor : Concentric Stranded annealed copper wires
2. Insulation : Polyvinyl chloride (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. 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 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 sq.mm	No. & dia. of wires	Diameter (Approx.)							
	mm ²	No./mm	mm	mm	mm	mm	Ohm/km	M Ohm/km	kg/km	m
2	0.5	7/0.30	0.90	0.8	1.8	9.5	36.0	0.0162	100	500/D
	0.75	7/0.37	1.11	0.8	1.8	10.0	24.5	0.0142	110	500/D
	1	7/0.43	1.29	0.8	1.8	10.5	18.1	0.0128	120	500/D
	1.5	7/0.52	1.56	0.8	1.8	11.0	12.1	0.0112	140	500/D
	2.5	7/0.67	2.01	0.8	1.8	12.0	7.41	0.0093	180	500/D
	4	7/0.85	2.55	1.0	1.8	14.0	4.61	0.0092	250	500/D
3	0.5	7/0.30	0.90	0.8	1.8	15.5	3.08	0.0078	310	500/D
	0.75	7/0.37	1.11	0.8	1.8	10.0	36.0	0.0162	110	500/D
	1	7/0.43	1.29	0.8	1.8	10.5	24.5	0.0142	130	500/D
	1.5	7/0.52	1.56	0.8	1.8	11.0	18.1	0.0128	140	500/D
	2.5	7/0.67	2.01	0.8	1.8	12.0	12.1	0.0112	170	500/D
	4	7/0.85	2.55	1.0	1.8	13.0	7.41	0.0093	210	500/D
4	0.5	7/0.30	0.90	0.8	1.8	15.0	4.61	0.0092	310	500/D
	0.75	7/0.37	1.11	0.8	1.8	16.0	3.08	0.0078	390	500/D
	1	7/0.43	1.29	0.8	1.8	11.0	36.0	0.0162	130	500/D
	1.5	7/0.52	1.56	0.8	1.8	11.5	24.5	0.0142	150	500/D
	2.5	7/0.67	2.01	0.8	1.8	12.0	18.1	0.0128	170	500/D
	4	7/0.85	2.55	1.0	1.8	12.5	12.1	0.0112	200	500/D
5	0.5	7/0.30	0.90	0.8	1.8	14.0	7.41	0.0093	260	500/D
	0.75	7/0.37	1.11	0.8	1.8	16.0	4.61	0.0092	380	500/D
	1	7/0.43	1.29	0.8	1.8	17.5	3.08	0.0078	490	500/D
	1.5	7/0.52	1.56	0.8	1.8	12.0	36.0	0.0162	150	500/D
	2.5	7/0.67	2.01	0.8	1.8	12.5	24.5	0.0142	180	500/D
	4	7/0.85	2.55	1.0	1.8	13.0	18.1	0.0128	200	500/D
6	0.5	7/0.30	0.90	0.8	1.8	13.5	12.1	0.0112	240	500/D
	0.75	7/0.37	1.11	0.8	1.8	15.0	7.41	0.0093	320	500/D
	1	7/0.43	1.29	0.8	1.8	17.5	4.61	0.0092	470	500/D
	1.5	7/0.52	1.56	0.8	1.8	19.0	3.08	0.0078	600	500/D
	2.5	7/0.67	2.01	0.8	1.8	12.5	36.0	0.0162	160	500/D
	4	7/0.85	2.55	1.0	1.8	13.5	24.5	0.0142	190	500/D
6	0.5	7/0.30	0.90	0.8	1.8	14.0	18.1	0.0128	220	500/D
	1	7/0.43	1.29	0.8	1.8	14.0	18.1	0.0128	220	500/D

	1.5	7/0.52	1.56	0.8	1.8	14.5	12.1	0.0112	260	500/D
	2.5	7/0.67	2.01	0.8	1.8	16.0	7.41	0.0093	340	500/D
	4	7/0.85	2.55	1.0	1.8	19.0	4.61	0.0092	510	500/D
	6	7/1.04	3.12	1.0	1.8	20.5	3.08	0.0078	660	500/D
7	0.5	7/0.30	0.90	0.8	1.8	12.5	36.0	0.0162	170	500/D
	0.75	7/0.37	1.11	0.8	1.8	13.5	24.5	0.0142	200	500/D
	1	7/0.43	1.29	0.8	1.8	14.0	18.1	0.0128	230	500/D
	1.5	7/0.52	1.56	0.8	1.8	14.5	12.1	0.0112	270	500/D
	2.5	7/0.67	2.01	0.8	1.8	16.0	7.41	0.0093	370	500/D
	4	7/0.85	2.55	1.0	1.8	19.0	4.61	0.0092	540	500/D
8	0.5	7/0.30	0.90	0.8	1.8	13.5	36.0	0.0162	190	500/D
	0.75	7/0.37	1.11	0.8	1.8	14.0	24.5	0.0142	220	500/D
	1	7/0.43	1.29	0.8	1.8	15.0	18.1	0.0128	250	500/D
	1.5	7/0.52	1.56	0.8	1.8	15.5	12.1	0.0112	310	500/D
	2.5	7/0.67	2.01	0.8	1.8	17.0	7.41	0.0093	410	500/D
	4	7/0.85	2.55	1.0	1.8	20.5	4.61	0.0092	610	500/D
9	0.5	7/0.30	0.90	0.8	1.8	14.5	36.0	0.0162	210	500/D
	0.75	7/0.37	1.11	0.8	1.8	15.0	24.5	0.0142	250	500/D
	1	7/0.43	1.29	0.8	1.8	16.0	18.1	0.0128	280	500/D
	1.5	7/0.52	1.56	0.8	1.8	17.0	12.1	0.0112	340	500/D
	2.5	7/0.67	2.01	0.8	1.8	18.5	7.41	0.0093	460	500/D
	4	7/0.85	2.55	1.0	1.8	22.0	4.61	0.0092	690	500/D
10	0.5	7/0.30	0.90	0.8	1.8	15.5	36.0	0.0162	230	500/D
	0.75	7/0.37	1.11	0.8	1.8	16.0	24.5	0.0142	270	500/D
	1	7/0.43	1.29	0.8	1.8	17.0	18.1	0.0128	310	500/D
	1.5	7/0.52	1.56	0.8	1.8	18.0	12.1	0.0112	370	500/D
	2.5	7/0.67	2.01	0.8	1.8	20.0	7.41	0.0093	510	500/D
	4	7/0.85	2.55	1.0	1.8	24.0	4.61	0.0092	760	500/D
11	0.5	7/0.30	0.90	0.8	1.8	16.0	36.0	0.0162	250	500/D
	0.75	7/0.37	1.11	0.8	1.8	16.5	24.5	0.0142	290	500/D
	1	7/0.43	1.29	0.8	1.8	17.5	18.1	0.0128	340	500/D
	1.5	7/0.52	1.56	0.8	1.8	18.5	12.1	0.0112	410	500/D
	2.5	7/0.67	2.01	0.8	1.8	20.5	7.41	0.0093	560	500/D
	4	7/0.85	2.55	1.0	1.8	24.5	4.61	0.0092	840	500/D
12	0.5	7/0.30	0.90	0.8	1.8	17.0	36.0	0.0162	1120	500/D
	0.75	7/0.37	1.11	0.8	1.8	16.5	24.5	0.0142	300	500/D
	1	7/0.43	1.29	0.8	1.8	17.5	18.1	0.0128	350	500/D
	1.5	7/0.52	1.56	0.8	1.8	18.5	12.1	0.0112	430	500/D
	2.5	7/0.67	2.01	0.8	1.8	20.5	7.41	0.0093	580	500/D
	4	7/0.85	2.55	1.0	1.8	24.5	4.61	0.0092	880	500/D
13	0.5	7/0.30	0.90	0.8	1.8	27.0	3.08	0.0078	1170	500/D
	0.5	7/0.30	0.90	0.8	1.8	16.5	36.0	0.0162	280	500/D
	0.75	7/0.37	1.11	0.8	1.8	17.5	24.5	0.0142	330	500/D
	1	7/0.43	1.29	0.8	1.8	18.5	18.1	0.0128	380	500/D
	1.5	7/0.52	1.56	0.8	1.8	19.5	12.1	0.0112	470	500/D
	2.5	7/0.67	2.01	0.8	1.8	21.5	7.41	0.0093	640	500/D
14	4	7/0.85	2.55	1.0	1.8	26.0	4.61	0.0092	970	500/D
	6	7/1.04	3.12	1.0	1.8	28.5	3.08	0.0078	1290	500/D
	0.5	7/0.30	0.90	0.8	1.8	16.5	36.0	0.0162	280	500/D
	0.75	7/0.37	1.11	0.8	1.8	17.5	24.5	0.0142	340	500/D
	1	7/0.43	1.29	0.8	1.8	18.5	18.1	0.0128	390	500/D
	1.5	7/0.52	1.56	0.8	1.8	19.5	12.1	0.0112	480	500/D
15	2.5	7/0.67	2.01	0.8	1.8	21.5	7.41	0.0093	660	500/D
	4	7/0.85	2.55	1.0	1.8	26.0	4.61	0.0092	1000	500/D
	6	7/1.04	3.12	1.0	1.8	28.5	3.08	0.0078	1340	500/D
	0.5	7/0.30	0.90	0.8	1.8	17.5	36.0	0.0162	310	500/D
	0.75	7/0.37	1.11	0.8	1.8	18.5	24.5	0.0142	370	500/D
	1	7/0.43	1.29	0.8	1.8	19.0	18.1	0.0128	430	500/D
	1.5	7/0.52	1.56	0.8	1.8	20.5	12.1	0.0112	530	500/D
	2.5	7/0.67	2.01	0.8	1.8	22.5	7.41	0.0093	730	500/D

	4	7/0.85	2.55	1.0	1.8	27.0	4.61	0.0092	1100	500/D
	6	7/1.04	3.12	1.0	1.8	30.0	3.08	0.0078	1480	500/D
16	0.5	7/0.30	0.90	0.8	1.8	17.5	36.0	0.0162	320	500/D
	0.75	7/0.37	1.11	0.8	1.8	18.5	24.5	0.0142	380	500/D
	1	7/0.43	1.29	0.8	1.8	19.0	18.1	0.0128	440	500/D
	1.5	7/0.52	1.56	0.8	1.8	20.5	12.1	0.0112	540	500/D
	2.5	7/0.67	2.01	0.8	1.8	22.5	7.41	0.0093	750	500/D
	4	7/0.85	2.55	1.0	1.8	27.0	4.61	0.0092	1140	500/D
	6	7/1.04	3.12	1.0	1.8	30.0	3.08	0.0078	1530	500/D
17	0.5	7/0.30	0.90	0.8	1.8	18.0	36.0	0.0162	340	500/D
	0.75	7/0.37	1.11	0.8	1.8	19.0	24.5	0.0142	410	500/D
	1	7/0.43	1.29	0.8	1.8	20.0	18.1	0.0128	480	500/D
	1.5	7/0.52	1.56	0.8	1.8	21.5	12.1	0.0112	590	500/D
	2.5	7/0.67	2.01	0.8	1.8	23.5	7.41	0.0093	820	500/D
	4	7/0.85	2.55	1.0	1.8	28.5	4.61	0.0092	1240	500/D
	6	7/1.04	3.12	1.0	1.9	31.5	3.08	0.0078	1660	500/D
18	0.5	7/0.30	0.90	0.8	1.8	18.0	36.0	0.0162	350	500/D
	0.75	7/0.37	1.11	0.8	1.8	19.0	24.5	0.0142	420	500/D
	1	7/0.43	1.29	0.8	1.8	20.0	18.1	0.0128	490	500/D
	1.5	7/0.52	1.56	0.8	1.8	21.5	12.1	0.0112	610	500/D
	2.5	7/0.67	2.01	0.8	1.8	23.5	7.41	0.0093	840	500/D
	4	7/0.85	2.55	1.0	1.8	28.5	4.61	0.0092	1280	500/D
	6	7/1.04	3.12	1.0	1.8	31.5	3.08	0.0078	1720	500/D
19	0.5	7/0.30	0.90	0.8	1.8	18.0	36.0	0.0162	360	500/D
	0.75	7/0.37	1.11	0.8	1.8	19.0	24.5	0.0142	430	500/D
	1	7/0.43	1.29	0.8	1.8	20.0	18.1	0.0128	500	500/D
	1.5	7/0.52	1.56	0.8	1.8	21.5	12.1	0.0112	620	500/D
	2.5	7/0.67	2.01	0.8	1.8	23.5	7.41	0.0093	860	500/D
	4	7/0.85	2.55	1.0	1.8	28.5	4.61	0.0092	1310	500/D
	6	7/1.04	3.12	1.0	1.8	31.5	3.08	0.0078	1770	500/D
20	0.5	7/0.30	0.90	0.8	1.8	19.0	36.0	0.0162	380	500/D
	0.75	7/0.37	1.11	0.8	1.8	20.0	24.5	0.0142	460	500/D
	1	7/0.43	1.29	0.8	1.8	21.0	18.1	0.0128	540	500/D
	1.5	7/0.52	1.56	0.8	1.8	22.5	12.1	0.0112	670	500/D
	2.5	7/0.67	2.01	0.8	1.8	25.0	7.41	0.0093	930	500/D
	4	7/0.85	2.55	1.0	1.8	30.0	4.61	0.0092	1420	500/D
	6	7/1.04	3.12	1.0	1.9	33.5	3.08	0.0078	1920	500/D
21	0.5	7/0.30	0.90	0.8	1.8	19.0	36.0	0.0162	390	500/D
	0.75	7/0.37	1.11	0.8	1.8	20.0	24.5	0.0142	470	500/D
	1	7/0.43	1.29	0.8	1.8	21.0	18.1	0.0128	550	500/D
	1.5	7/0.52	1.56	0.8	1.8	22.5	12.1	0.0112	680	500/D
	2.5	7/0.67	2.01	0.8	1.8	25.0	7.41	0.0093	940	500/D
	4	7/0.85	2.55	1.0	1.8	30.0	4.61	0.0092	1440	500/D
	6	7/1.04	3.12	1.0	1.9	33.5	3.08	0.0078	1960	500/D
22	0.5	7/0.30	0.90	0.8	1.8	20.0	36.0	0.0162	420	500/D
	0.75	7/0.37	1.11	0.8	1.8	21.0	24.5	0.0142	510	500/D
	1	7/0.43	1.29	0.8	1.8	22.0	18.1	0.0128	590	500/D
	1.5	7/0.52	1.56	0.8	1.8	23.5	12.1	0.0112	740	500/D
	2.5	7/0.67	2.01	0.8	1.8	26.0	7.41	0.0093	1030	500/D
	4	7/0.85	2.55	1.0	1.9	32.0	4.61	0.0092	1580	500/D
	6	7/1.04	3.12	1.0	2.0	35.5	3.08	0.0078	2140	500/D
23	0.5	7/0.30	0.90	0.8	1.8	20.0	36.0	0.0162	430	500/D
	0.75	7/0.37	1.11	0.8	1.8	21.0	24.5	0.0142	520	500/D
	1	7/0.43	1.29	0.8	1.8	22.0	18.1	0.0128	600	500/D
	1.5	7/0.52	1.56	0.8	1.8	23.5	12.1	0.0112	750	500/D
	2.5	7/0.67	2.01	0.8	1.8	26.0	7.41	0.0093	1050	500/D
	4	7/0.85	2.55	1.0	1.9	32.0	4.61	0.0092	1620	500/D
	6	7/1.04	3.12	1.0	2.0	35.5	3.08	0.0078	2190	500/D
24	0.5	7/0.30	0.90	0.8	1.8	21.0	36.0	0.0162	440	500/D
	0.75	7/0.37	1.11	0.8	1.8	22.0	24.5	0.0142	530	500/D
	1	7/0.43	1.29	0.8	1.8	23.0	18.1	0.0128	620	500/D
	1.5	7/0.52	1.56	0.8	1.8	25.0	12.1	0.0112	770	500/D
	2.5	7/0.67	2.01	0.8	1.8	27.5	7.41	0.0093	1070	500/D
	4	7/0.85	2.55	1.0	1.9	34.0	4.61	0.0092	1660	500/D
	6	7/1.04	3.12	1.0	2.0	37.5	3.08	0.0078	2250	500/D

25	0.5	7/0.30	0.90	0.8	1.8	21.5	36.0	0.0162	460	500/D
	0.75	7/0.37	1.11	0.8	1.8	22.5	24.5	0.0142	560	500/D
	1	7/0.43	1.29	0.8	1.8	23.5	18.1	0.0128	660	500/D
	1.5	7/0.52	1.56	0.8	1.8	25.5	12.1	0.0112	820	500/D
	2.5	7/0.67	2.01	0.8	1.8	28.0	7.41	0.0093	1140	500/D
	4	7/0.85	2.55	1.0	1.9	34.5	4.61	0.0092	1760	500/D
	6	7/1.04	3.12	1.0	2.0	38.5	3.08	0.0078	2390	500/D
26	0.5	7/0.30	0.90	0.8	1.8	21.5	36.0	0.0162	470	500/D
	0.75	7/0.37	1.11	0.8	1.8	22.5	24.5	0.0142	570	500/D
	1	7/0.43	1.29	0.8	1.8	23.5	18.1	0.0128	670	500/D
	1.5	7/0.52	1.56	0.8	1.8	25.5	12.1	0.0112	830	500/D
	2.5	7/0.67	2.01	0.8	1.8	28.0	7.41	0.0093	1160	500/D
	4	7/0.85	2.55	1.0	1.9	34.5	4.61	0.0092	1800	500/D
	6	7/1.04	3.12	1.0	2.0	38.5	3.08	0.0078	2440	500/D
27	0.5	7/0.30	0.90	0.8	1.8	21.5	36.0	0.0162	480	500/D
	0.75	7/0.37	1.11	0.8	1.8	22.5	24.5	0.0142	580	500/D
	1	7/0.43	1.29	0.8	1.8	23.5	18.1	0.0128	680	500/D
	1.5	7/0.52	1.56	0.8	1.8	25.5	12.1	0.0112	840	500/D
	2.5	7/0.67	2.01	0.8	1.8	28.0	7.41	0.0093	1190	500/D
	4	7/0.85	2.55	1.0	1.9	34.5	4.61	0.0092	1830	500/D
	6	7/1.04	3.12	1.0	2.0	38.5	3.08	0.0078	2500	500/D
28	0.5	7/0.30	0.90	0.8	1.8	22.0	36.0	0.0162	500	500/D
	0.75	7/0.37	1.11	0.8	1.8	23.5	24.5	0.0142	610	500/D
	1	7/0.43	1.29	0.8	1.8	24.5	18.1	0.0128	720	500/D
	1.5	7/0.52	1.56	0.8	1.8	26.5	12.1	0.0112	900	500/D
	2.5	7/0.67	2.01	0.8	1.8	29.0	7.41	0.0093	1260	500/D
	4	7/0.85	2.55	1.0	2.0	36.0	4.61	0.0092	1960	500/D
	6	7/1.04	3.12	1.0	2.1	40.0	3.08	0.0078	2660	500/D
29	0.5	7/0.30	0.90	0.8	1.8	22.0	36.0	0.0162	510	500/D
	0.75	7/0.37	1.11	0.8	1.8	23.5	24.5	0.0142	620	500/D
	1	7/0.43	1.29	0.8	1.8	24.5	18.1	0.0128	730	500/D
	1.5	7/0.52	1.56	0.8	1.8	26.5	12.1	0.0112	910	500/D
	2.5	7/0.67	2.01	0.8	1.8	29.0	7.41	0.0093	1280	500/D
	4	7/0.85	2.55	1.0	2.0	36.0	4.61	0.0092	2000	500/D
	6	7/1.04	3.12	1.0	2.1	40.0	3.08	0.0078	2720	500/D
30	0.5	7/0.30	0.90	0.8	1.8	22.0	36.0	0.0162	520	500/D
	0.75	7/0.37	1.11	0.8	1.8	23.5	24.5	0.0142	630	500/D
	1	7/0.43	1.29	0.8	1.8	24.5	18.1	0.0128	740	500/D
	1.5	7/0.52	1.56	0.8	1.8	26.5	12.1	0.0112	930	500/D
	2.5	7/0.67	2.01	0.8	1.8	29.0	7.41	0.0093	1300	500/D
	4	7/0.85	2.55	1.0	2.0	36.0	4.61	0.0092	2030	500/D
	6	7/1.04	3.12	1.0	2.1	40.0	3.08	0.0078	2770	500/D

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