CVVSB

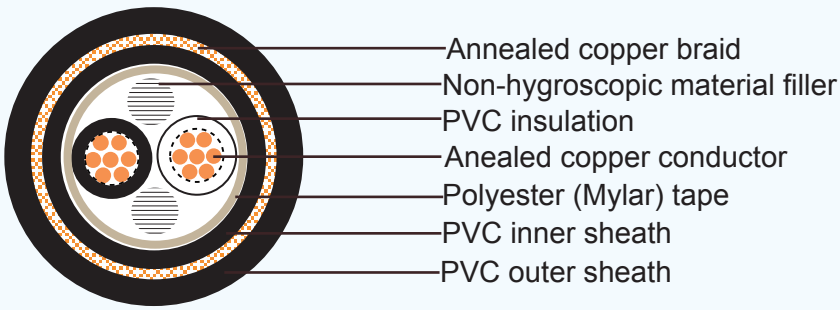
Application and Description:

For used in control circuits required electrostatic shielding in underground duct, conduit and open air.

Reference Standard:

IEC 60502-1

Cable Construction:



Conductor: Stranded annealed copper wires, Sizes: 1.5 mm^2 up to 10 mm^2
Insulation: Polyvinyl chloride (PVC)
Color : 2-4 cores-Black, White, Red and Green ,More than 4 cores: Black core with marking numbers
Filler: Non-hygroscopic material(optional)
Binding tape: Polyester (Mylar) tape (optional)
Shield: Copper wire braid
Outer sheath: Polyvinyl chloride (PVC), Black color (A special flame retardant can be supplied)

Technical Characteristics:

Maximum conductor temperature 90°C
Circuit voltage not exceeding 600 volts
Test voltage 3500 volts

Cable Parameter:

NO. of Cores	Conductor			Thickness of insulation	Thickness of outer Sheath	Overall diameter	Maximum conductor resistance (at 20°c)	Cable weight
	Nominal cross-sectional area	No.& dia. of wires	Diameter					
	mm^2	mm	mm	mm	mm	mm	Ohm/km	kg/km
2	1.5	7 / 0.53	1.59	0.8	1.8	11.4	12.1	176
	2.5	7 / 0.67	2.01	0.8	1.8	12.3	7.41	211
	4	7 / 0.85	2.55	1.0	1.8	14.2	4.61	285
	6	7 / 1.04	3.12	1.0	1.8	15.4	3.08	348
	10	7 / 1.35	4.05	1.0	1.8	16.9	1.83	411
3	1.5	7 / 0.53	1.59	0.8	1.8	11.9	12.1	207
	2.5	7 / 0.67	2.01	0.8	1.8	12.9	7.41	252
	4	7 / 0.85	2.55	1.0	1.8	15.0	4.61	349
	6	7 / 1.04	3.12	1.0	1.8	16.2	3.08	433
	10	7 / 1.35	4.05	1.0	1.8	17.9	1.83	535
4	1.5	7 / 0.53	1.59	0.8	1.8	12.8	12.1	245
	2.5	7 / 0.67	2.01	0.8	1.8	13.9	7.41	303
	4	7 / 0.85	2.55	1.0	1.8	16.2	4.61	423
	6	7 / 1.04	3.12	1.0	1.8	17.6	3.08	531
	10	7 / 1.35	4.05	1.0	1.8	19.5	1.83	673
5	1.5	7 / 0.53	1.59	0.8	1.8	13.8	12.1	285
	2.5	7 / 0.67	2.01	0.8	1.8	15.0	7.41	355
	4	7 / 0.85	2.55	1.0	1.8	17.3	4.61	498
	6	7 / 1.04	3.12	1.0	1.8	19.2	3.08	634
	10	7 / 1.35	4.05	1.0	1.8	21.4	1.83	818
6	1.5	7 / 0.53	1.59	0.8	1.8	14.8	12.1	326
	2.5	7 / 0.67	2.01	0.8	1.8	16.1	7.41	410
	4	7 / 0.85	2.55	1.0	1.8	19.0	4.61	584
	6	7 / 1.04	3.12	1.0	1.8	20.8	3.08	742
	10	7 / 1.35	4.05	1.0	1.8	23.2	1.83	966

NO. of Cores	Conductor			Thickness of insulation	Thickness of outer Sheath	Overall diameter	Maximum conductor resistance (at 20°c)	Cable weight
	Nominal cross-sectional area	No.& dia. of wires	Diameter					
	mm^2	mm	mm	mm	mm	mm	Ohm/km	kg/km
7	1.5	7 / 0.53	1.59	0.8	1.8	14.8	12.1	347
	2.5	7 / 0.67	2.01	0.8	1.8	16.1	7.41	440
	4	7 / 0.85	2.55	1.0	1.8	19.0	4.61	631
	6	7 / 1.04	3.12	1.0	1.8	20.8	3.08	808
	10	7 / 1.35	4.05	1.0	1.8	23.2	1.83	1070
8	1.5	7 / 0.53	1.59	0.8	1.8	15.8	12.1	390
	2.5	7 / 0.67	2.01	0.8	1.8	17.3	7.41	496
	4	7 / 0.85	2.55	1.0	1.8	20.5	4.61	716
	6	7 / 1.04	3.12	1.0	1.8	21.7	3.08	917
	10	7 / 1.35	4.05	1.0	1.8	24.5	1.83	1222
10	1.5	7 / 0.53	1.59	0.8	1.8	18.2	12.1	486
	2.5	7 / 0.67	2.01	0.8	1.8	19.9	7.41	620
	4	7 / 0.85	2.55	1.0	1.8	23.8	4.61	900
	6	7 / 1.04	3.12	1.0	1.8	22.4	3.08	1157
	10	7 / 1.35	4.05	1.0	1.8	29.6	1.83	1550
12	1.5	7 / 0.53	1.59	0.8	1.8	18.7	12.1	540
	2.5	7 / 0.67	2.01	0.8	1.8	20.5	7.41	695
	4	7 / 0.85	2.55	1.0	1.8	24.6	4.61	1016
	6	7 / 1.04	3.12	1.0	1.8	27.0	3.08	1314
	10	7 / 1.35	4.05	1.0	1.8	30.5	1.83	1787
15	1.5	7 / 0.53	1.59	0.8	1.8	20.0	12.1	635
	2.5	7 / 0.67	2.01	0.8	1.8	22.1	7.41	825
	4	7 / 0.85	2.55	1.0	1.8	26.4	4.61	1214
	6	7 / 1.04	3.12	1.0	1.8	29.1	3.08	1580
20	1.5	7 / 0.53	1.59	0.8	1.8	22.1	12.1	794
	2.5	7 / 0.67	2.01	0.8	1.8	24.5	7.41	1039
	4	7 / 0.85	2.55	1.0	1.8	29.5	4.61	1545
	6	7 / 1.04	3.12	1.0	1.8	32.5	3.08	2024
30	1.5	7 / 0.53	1.59	0.8	1.8	26.3	12.1	1120
	2.5	7 / 0.67	2.01	0.8	1.8	28.2	7.41	1480
	4	7 / 0.85	2.55	1.0	1.9	35.6	4.61	2242