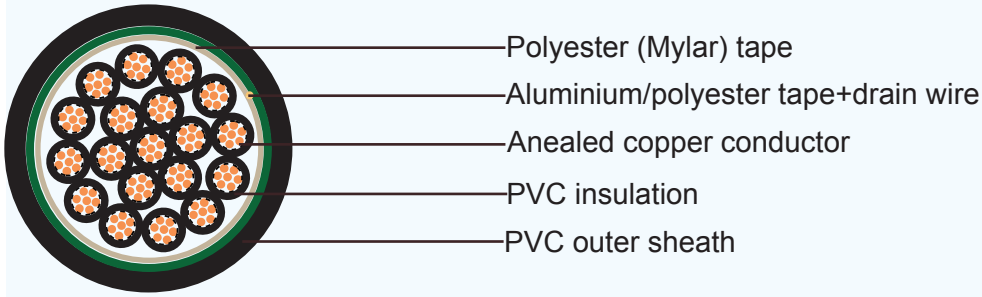
CVVAMS

Application and Description:

Used for electric signal transmission of control or monitoring circuits for 0.6/1kV

Cable Construction:



Conductor: Stranded annealed copper wires, Sizes: 1.5 mm^2 up to 10 mm^2
Insulation: Polyvinyl chloride (PVC)
Color : Black with marking numbers
Filler: Non-hygroscopic material(optional)
Binding tape: Polyester (Mylar) tape (optional)
Overall Screen 1: Aluminium/polyester tape is applied over each pair metallic side down in contact with tinned copper drain wire.
Sheath: Polyvinyl chloride (PVC), Black color (other colors can be provided upn request)

Technical Characteristics:

Maximum conductor temperature 70°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	12	12.1	160
	2.5	7/0.67	2.01	0.8	1.8	13	7.41	190
	4	7/0.85	2.55	1	1.8	14.5	4.61	260
	6	7/1.04	3.12	1	1.8	16	3.08	320
	10	7/1.35	4.05	1	1.8	17.5	1.83	430
3	1.5	7/0.53	1.59	0.8	1.8	12.5	12.1	190
	2.5	7/0.67	2.01	0.8	1.8	13.5	7.41	240
	4	7/0.85	2.55	1	1.8	15.5	4.61	330
	6	7/1.04	3.12	1	1.8	17	3.08	410
	10	7/1.35	4.05	1	1.8	18.5	1.83	570
4	1.5	7/0.53	1.59	0.8	1.8	13.5	12.1	230
	2.5	7/0.67	2.01	0.8	1.8	14.5	7.41	290
	4	7/0.85	2.55	1	1.8	16.5	4.61	410
	6	7/1.04	3.12	1	1.8	18	3.08	520
	10	7/1.35	4.05	1	1.8	20.5	1.83	720
5	1.5	7/0.53	1.59	0.8	1.8	14.5	12.1	270
	2.5	7/0.67	2.01	0.8	1.8	15.5	7.41	340
	4	7/0.85	2.55	1	1.8	18	4.61	490
	6	7/1.04	3.12	1	1.8	19.5	3.08	630
	10	7/1.35	4.05	1	1.8	22.5	1.83	870
6	1.5	7/0.53	1.59	0.8	1.8	15.5	12.1	310
	2.5	7/0.67	2.01	0.8	1.8	16.5	7.41	400
	4	7/0.85	2.55	1	1.8	19.5	4.61	580
	6	7/1.04	3.12	1	1.8	21.5	3.08	740
	10	7/1.35	4.05	1	1.8	24.5	1.83	1040
7	1.5	7/0.53	1.59	0.8	1.8	15.5	12.1	340
	2.5	7/0.67	2.01	0.8	1.8	16.5	7.41	430
	4	7/0.85	2.55	1	1.8	19.5	4.61	630
	6	7/1.04	3.12	1	1.8	21.5	3.08	810
	10	7/1.35	4.05	1	1.8	24.5	1.83	1150

Caledonian Cables Manufacture

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
8	1.5	7/0.53	1.59	0.8	1.8	16.5	12.1	390
	2.5	7/0.67	2.01	0.8	1.8	17.5	7.41	490
	4	7/0.85	2.55	1	1.8	21.5	4.61	730
	6	7/1.04	3.12	1	1.8	23.5	3.08	940
	10	7/1.35	4.05	1	1.8	26.5	1.83	1330
10	1.5	7/0.53	1.59	0.8	1.8	18.5	12.1	470
	2.5	7/0.67	2.01	0.8	1.8	20.5	7.41	600
	4	7/0.85	2.55	1	1.8	24.5	4.61	890
	6	7/1.04	3.12	1	1.8	26.5	3.08	1150
	10	7/1.35	4.05	1	1.8	30.5	1.83	1640
12	1.5	7/0.53	1.59	0.8	1.8	18.5	12.1	530
	2.5	7/0.67	2.01	0.8	1.8	20.5	7.41	690
	4	7/0.85	2.55	1	1.8	25.5	4.61	1030
	6	7/1.04	3.12	1	1.8	27.5	3.08	1330
	10	7/1.35	4.05	1	1.8	31.5	1.83	1910
15	1.5	7/0.53	1.59	0.8	1.8	20.5	12.1	640
	2.5	7/0.67	2.01	0.8	1.8	22.5	7.41	830
	4	7/0.85	2.55	1	1.8	27.5	4.61	1250
	6	7/1.04	3.12	1	1.8	29.5	3.08	1630
20	1.5	7/0.53	1.59	0.8	1.8	22	12.1	820
	2.5	7/0.67	2.01	0.8	1.8	25.0	7.41	1070
	4	7/0.85	2.55	1	1.8	30.0	4.61	1630
	6	7/1.04	3.12	1	1.8	33	3.08	2130
30	1.5	7/0.53	1.59	0.8	1.8	26	12.1	1160
	2.5	7/0.67	2.01	0.8	1.8	29	7.41	1540
	4	7/0.85	2.55	1	1.9	36	4.61	2370