



## CCV

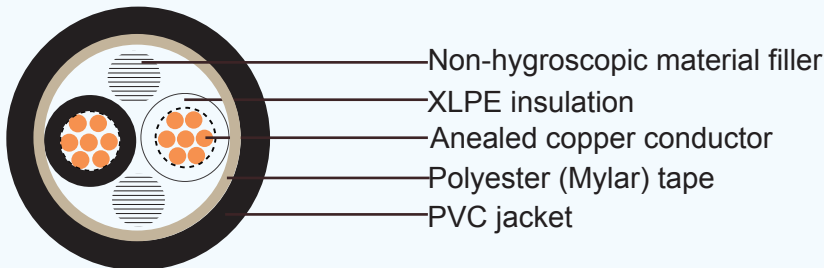
### Application and Description:

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

### Reference Standard:

IEC 60502-1

### Cable Construction:



Conductor: Stranded annealed copper wires, Sizes: 1.5 mm<sup>2</sup> up to 10 mm<sup>2</sup>

Insulation: Cross-linked polyethylene(XLPE)

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)

Sheath: Polyvinyl chloride (PVC), Black color (A special flame retardant sheath can be supplied)

### Technical Characteristics:

Maximum conductor temperature 90°C

Circuit voltage not exceeding 600 volts

Test voltage 3500 volts

# Caledonian Cables Manufacture

## Cable Parameter:

NO. of Cores	Conductor			Thickness of insulation	Thickness of Sheath	Overall diameter	Maximum conductor resistance (at 20°C)	Cable weight
	Nominal cross-sectional area	No. & dia. of wires	Diameter					
	mm <sup>2</sup>	mm	mm					
2	1.5	7/0.53	1.59	0.7	1.8	10.5	12.1	130
	2.5	7/0.67	2.01	0.7	1.8	11.5	7.41	160
	4	7/0.85	2.55	0.7	1.8	12.5	4.61	200
	6	7/1.04	3.12	0.7	1.8	13.5	3.08	260
	10	7/1.35	4.05	0.7	1.8	15.5	1.83	350
3	1.5	7/0.53	1.59	0.7	1.8	11.0	12.1	160
	2.5	7/0.67	2.01	0.7	1.8	12.0	7.41	200
	4	7/0.85	2.55	0.7	1.8	13.0	4.61	260
	6	7/1.04	3.12	0.7	1.8	14.5	3.08	330
	10	7/1.35	4.05	0.7	1.8	16.5	1.83	470
4	1.5	7/0.53	1.59	0.7	1.8	12.0	12.1	190
	2.5	7/0.67	2.01	0.7	1.8	13.0	7.41	250
	4	7/0.85	2.55	0.7	1.8	14.5	4.61	320
	6	7/1.04	3.12	0.7	1.8	15.5	3.08	420
	10	7/1.35	4.05	0.7	1.8	18.0	1.83	600
5	1.5	7/0.53	1.59	0.7	1.8	13.0	12.1	230
	2.5	7/0.67	2.01	0.7	1.8	14.0	7.41	290
	4	7/0.85	2.55	0.7	1.8	15.5	4.61	380
	6	7/1.04	3.12	0.7	1.8	17.0	3.08	500
	10	7/1.35	4.05	0.7	1.8	19.5	1.83	730
6	1.5	7/0.53	1.59	0.7	1.8	13.5	12.1	260
	2.5	7/0.67	2.01	0.7	1.8	15.0	7.41	340
	4	7/0.85	2.55	0.7	1.8	16.5	4.61	450
	6	7/1.04	3.12	0.7	1.8	18.5	3.08	590
	10	7/1.35	4.05	0.7	1.8	21.0	1.83	850





# Addison Cables to IEC/TIS Standard

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NO. of Cores	Conductor			Thickness of insulation	Thickness of Sheath	Overall diameter	Maximum conductor resistance (at 20°C)	Cable weight
	Nominal cross-sectional area	No. & dia. of wires	Diameter					
	mm <sup>2</sup>	mm	mm					
7	1.5	7/0.53	1.59	0.7	1.8	13.5	12.1	270
	2.5	7/0.67	2.01	0.7	1.8	15.0	7.41	360
	4	7/0.85	2.55	0.7	1.8	16.5	4.61	480
	6	7/1.04	3.12	0.7	1.8	18.5	3.08	640
	10	7/1.35	4.05	0.7	1.8	21.0	1.83	940
8	1.5	7/0.53	1.59	0.7	1.8	15.0	12.1	320
	2.5	7/0.67	2.01	0.7	1.8	16.5	7.41	410
	4	7/0.85	2.55	0.7	1.8	18.5	4.61	550
	6	7/1.04	3.12	0.7	1.8	20.5	3.08	740
	10	7/1.35	4.05	0.7	1.8	23.5	1.83	1,090
10	1.5	7/0.53	1.59	0.7	1.8	17.0	12.1	380
	2.5	7/0.67	2.01	0.7	1.8	18.5	7.41	500
	4	7/0.85	2.55	0.7	1.8	20.5	4.61	670
	6	7/1.04	3.12	0.7	1.8	23.0	3.08	900
	10	7/1.35	4.05	0.7	1.8	26.5	1.83	1,330
12	1.5	7/0.53	1.59	0.7	1.8	17.5	12.1	430
	2.5	7/0.67	2.01	0.7	1.8	19.0	7.41	570
	4	7/0.85	2.55	0.7	1.8	21.5	4.61	780
	6	7/1.04	3.12	0.7	1.8	23.5	3.08	1,050
	10	7/1.35	4.05	0.7	1.8	27.5	1.83	1,560
15	1.5	7/0.53	1.59	0.7	1.8	19.0	12.1	510
	2.5	7/0.67	2.01	0.7	1.8	21.0	7.41	690
	4	7/0.85	2.55	0.7	1.8	23.5	4.61	950
	6	7/1.04	3.12	0.7	1.8	26.0	3.08	1,280
20	1.5	7/0.53	1.59	0.7	1.8	21.0	12.1	650
	2.5	7/0.67	2.01	0.7	1.8	23.0	7.41	880
	4	7/0.85	2.55	0.7	1.8	26.0	4.61	1,220
	6	7/1.04	3.12	0.7	1.8	29.0	3.08	1,660
30	1.5	7/0.53	1.59	0.7	1.8	24.0	12.1	920
	2.5	7/0.67	2.01	0.7	1.8(1.9)	27.0	7.41	1,250
	4	7/0.85	2.55	0.7	1.8(1.9)	30.5	4.61	1,750