



CVV-I/C AMS

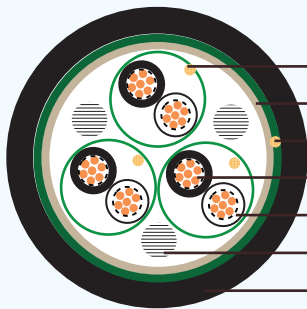
Application and Description:

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

Reference Standard:

IEC 60502-1

Cable Construction:



- Aluminium/polyester tape+drain wire
- Polyester (Mylar) tape
- Aluminium/polyester tape+drain wire
- Anealed copper conductor
- PVC insulation
- Non-hygroscopic material filler
- PVC outer sheath

Conductor: Stranded annealed copper wires, Sizes: 1.5mm² up to 4.0 mm²

Insulation: Polyvinyl chloride (PVC)

Color : Black and white with marking numbers

Pairing/Ttoids: Two/hree insulated conductors uniformly twisted together

Individual Screen: Aluminium/polyester tape is applied over each pair metallic side down in contact with tinned copper drain wire.

Filler: Non-hygroscopic material(optional)

Binding tape: Polyester (Mylar) tape (optional)

Overall Screen: 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 Pairs/Triads	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 ²	mm	mm					
Pairs								
2	1.5	7/0.53	1.59	0.8	1.8	16	12.34	280
	2.5	7/0.67	2.01	0.8	1.8	17.5	7.56	350
	4	7/0.85	2.55	1	1.8	21	4.7	460
3	1.5	7/0.53	1.59	0.8	1.8	17	12.34	340
	2.5	7/0.67	2.01	0.8	1.8	18.5	7.56	440
	4	7/0.85	2.55	1	1.8	22	4.7	590
4	1.5	7/0.53	1.59	0.8	1.8	18.5	12.34	420
	2.5	7/0.67	2.01	0.8	1.8	20	7.56	540
	4	7/0.85	2.55	1	1.8	24	4.7	740
5	1.5	7/0.53	1.59	0.8	1.8	20	12.34	500
	2.5	7/0.67	2.01	0.8	1.8	22	7.56	650
	4	7/0.85	2.55	1	1.8	26.5	4.7	900
6	1.5	7/0.53	1.59	0.8	1.8	21.5	12.34	580
	2.5	7/0.67	2.01	0.8	1.8	24	7.56	770
	4	7/0.85	2.55	1	1.9	29.5	4.7	1080
7	1.5	7/0.53	2.59	0.8	1.8	21.5	12.34	630
	2.5	7/0.67	2.01	0.8	1.8	24	7.56	830
	4	7/0.85	2.55	1	1.9	29.5	4.7	1170
8	1.5	7/0.53	1.59	0.8	1.8	24.5	12.34	720
	2.5	7/0.67	2.01	0.8	1.8	27	7.56	960
	4	7/0.85	2.55	1	2	33	4.7	1370





Caledonian

Any inquiries, please feel free to contact
kitty@caledonian-cables.com or kitty@caledonian-cables.co.uk



No. of Pairs/Triads	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 ²	mm	mm					
10	1.5	7/0.53	1.59	0.8	1.8	27.5	12.34	880
	2.5	7.067	2.01	0.8	1.9	30.5	7.56	1190
	4	7/0.85	2.55	1	2.2	38	4.7	1720
12	1.5	7/0.53	1.59	0.8	1.8	28.5	12.34	1000
	2.5	7/0.67	2.01	0.8	2	32	7.56	1380
	4	7/0.85	2.55	1	2.2	39.5	4.7	1970
15	1.5	7/0.53	1.59	0.8	2	32	12.34	1240
	2.5	7.67	2.01	0.8	2.1	35.5	7.56	1700
	4	7/0.85	2.55	1	2.4	44.5	4.7	2440
20	1.5	7/0.53	1.59	0.8	2.1	36	12.34	1610
	2.5	7/0.67	2.01	0.8	2.2	40	7.56	2210
	4	7/0.85	2.55	1	2.5	50	4.7	3180
30	1.5	7/0.53	1.59	0.8	2.3	42.5	12.34	2330
	2.5	7/0.67	2.01	0.8	2.5	48	7.56	3240
	4	7/0.85	2.55	1	2.9	59.5	4.7	4680
Triads								
2	1.5	7/0.53	1.59	0.8	1.8	17.5	12.34	370
	2.5	7/0.67	2.01	0.8	1.8	19.5	7.56	470
	4	7/0.85	2.55	1	1.8	23.5	4.7	650
3	1.5	7/0.53	1.59	0.8	1.8	19	12.34	470
	2.5	7/0.67	2.01	0.8	1.8	20.5	7.56	600
	4	7/0.85	2.55	1	1.8	25	4.7	830
4	1.5	7/0.53	1.59	0.8	1.8	20.5	12.34	570
	2.5	7/0.67	2.01	0.8	1.8	22.5	7.56	750
	4	7/0.85	2.55	1	1.8	27.5	4.7	1050
5	1.5	7/0.53	1.59	0.8	1.8	22.5	12.34	690
	2.5	7/0.67	2.01	0.8	1.8	24.5	7.56	910
	4	7/0.85	2.55	1	1.9	30.3	4.7	1300
6	1.5	7/0.53	1.59	0.8	1.8	24.5	12.34	810
	2.5	7/0.67	2.01	0.8	1.8	27	7.56	1080
	4	7/0.85	2.55	1	2	33.5	4.7	1550





Caledonian

Any inquiries, please feel free to contact
kitty@caledonian-cables.com or kitty@caledonian-cables.co.uk



No. of Pairs/Triads	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 ²	mm	mm					
7	1.5	7/0.53	1.59	0.8	1.8	24.5	12.34	880
	2.5	7/0.67	2.01	0.8	1.8	27	7.56	1180
	4	7/0.85	2.55	1	2	33.5	4.7	1690
8	1.5	7/0.53	1.59	0.8	1.8	27.5	12.34	1010
	2.5	7/0.67	2.01	0.8	1.9	30.5	7.56	1370
	4	7/0.85	2.55	1	2.2	38	4.7	1990
10	1.5	7/0.53	1.59	0.8	1.9	31.5	12.34	1250
	2.5	7/0.67	2.01	0.8	2.1	35	7.56	1720
	4	7/0.85	2.55	1	2.3	43.5	4.7	2470
12	1.5	7/0.53	1.59	0.8	2	32.5	12.34	1450
	2.5	7/0.67	2.01	0.8	2.1	36.5	7.56	1980
	4	7/0.85	2.55	1	2.4	45.5	4.7	2870
15	1.5	7/0.53	1.59	0.8	2.1	36.5	12.34	1770
	2.5	7/0.67	2.01	0.8	2.2	40.5	7.56	2420
	4	7/0.85	2.55	1	2.6	51	4.7	3550
20	1.5	7/0.53	1.59	0.8	2.3	41	12.34	2320
	2.5	7/0.67	2.01	0.8	2.4	46	7.56	3190
	4	7/0.85	2.55	1	2.8	57.5	4.7	4660
30	1.5	7/0.53	1.59	0.8	2.5	49	12.34	3360
	2.5	7/0.67	2.01	0.8	2.7	55	7.56	4650
	4	7/0.85	2.55	1	3.1	68.5	4.7	6790

