

Caledonian Cables Manufacture

VV

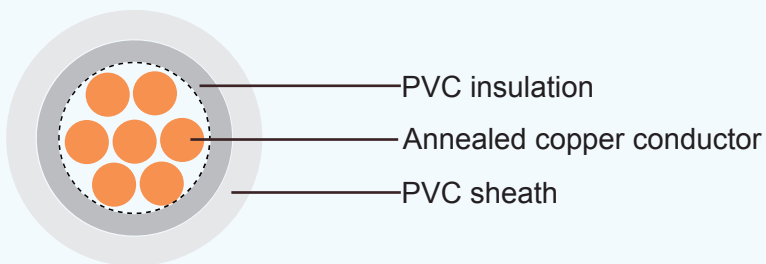
Application and Description:

For exposed fix installation in dry location, surface wiring, concealed wiring in wooden partition or above ceiling, embedded in plaster.

Reference Standard:

TIS 11-2531

Cable Construction:



Conductor: Solid and stranded annealed copper, Sizes: 1 mm² up to 35 mm²

Insulation: Polyvinyl chloride (PVC), light gray color

Sheath: Polyvinyl chloride (PVC), white color

Technical Characteristics:

Maximum conductor temperature 70°C

Circuit voltage not exceeding 750 volts

Test voltage 2500 volts





Cable Parameter

No. of cores	Conductor		Insulation thickness	Sheath thickness	Overall diameter	Maximum continuous current rating in free air	Min. insulation Resistance (at70°C)	Cable weight
	size	No. & dia. of wire						
	mm ²	No./mm						
1	1	1/1.13	0.8	1	5.4	15	0.0141	35
1	1	7/0.40	0.8	1	5.6	15	0.0135	35
1	1.5	1/1.38	0.8	1	5.8	20	0.0123	41
1	1.5	7/0.50	0.8	1	6	20	0.0116	41
1	2.5	1/1.78	0.8	1.2	6.6	27	0.0102	60
1	2.5	7/0.67	0.8	1.2	7	27	0.0093	60
1	4	1/2.25	0.9	1.2	7.4	36	0.0094	80
1	4	7/0.85	0.9	1.2	7.8	36	0.0085	80
1	6	7/1.04	0.9	1.4	8.8	47	0.0073	120
1	10	7/1.35	1.1	1.4	10.5	66	0.0069	170
1	16	7/1.70	1.1	1.5	11.5	88	0.0057	250
1	25	7/2.14	1.3	1.5	13.5	118	0.0054	360
1	35	19/1.53	1.3	1.6	15	145	0.0047	470