

Caledonian Cables Manufacture

VVF

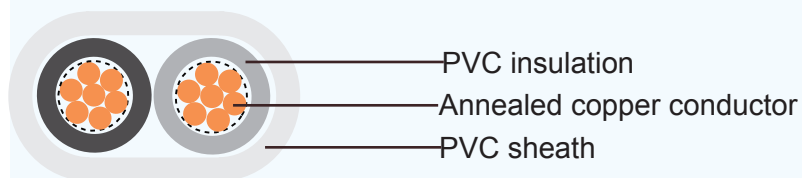
Application and Description:

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)

Color : Light grey, Black

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 (at20°C)	Cable weight
	size	No. & dia. Of wires			lower limit	upper limit			
	mm ²	No./mm			mm	mm			
2	1	1/1.13	0.8	1.4	5.2 x 8.0	6.4 x 9.4	13	0.0141	75
2	1	7/0.40	0.8	1.4	5.4 x 8.0	6.6 x 9.8	13	0.0135	75
2	1.5	1/1.38	0.8	1.4	5.6 x 8.4	6.6 x 10.0	17	0.0123	90
2	1.5	7/0.50	0.8	1.4	5.6 x 8.6	7.0 x 10.5	17	0.0116	90
2	2.5	1/1.78	0.8	1.4	5.8 x 9.2	7.2 x 11.0	22	0.0102	110
2	2.5	7/0.67	0.8	1.4	6.2 x 9.6	7.4 x 11.5	22	0.0093	110
2	4	1/2.25	0.9	1.4	6.6 x 10.5	7.8 x 12.5	30	0.0094	160
2	4	7/0.85	0.9	1.4	6.8 x 11.0	8.2 x 13.0	30	0.0085	160
2	6	7/1.04	0.9	1.4	7.4 x 12.0	8.8 x 14.5	37	0.0073	220
2	10	7/1.35	1.1	1.5	8.8 x 15.0	10.5 x 17.0	52	0.0069	340
2	16	7/1.70	1.1	1.5	9.8 x 17.0	11.5 x 19.5	69	0.0057	480
2	25	7/2.14	1.3	1.6	11.5 x 20.5	13.5 x 23.5	91	0.0054	720
2	35	19/1.53	1.3	1.7	13.0 x 23.0	15.0 x 26.5	112	0.0047	940