

Caledonian Cables Manufacture

VVF-GRD

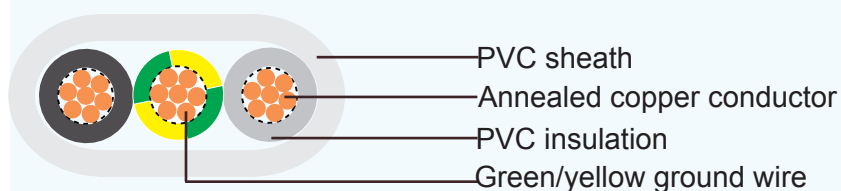
Application and Description:

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, Ground core:Green/Yellow

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			Ground Conductor			Thick-ness of Sheath	Overall diameter		Maximum continuous current rating in free air	Minimum insulation resistance (at 70°C)	Cable weight
	Size	No.& dia. of wires	Thick-ness of insula-tion	Size	No.& dia. of wires	Thick-ness of insula-tion		Lower limit	Upper limit			
	mm ²	No./mm	mm	mm ²	No./mm	mm		mm	mm			
2+1	1	1/1.13	0.8	1	1/1.13	0.6	1.4	5.2 x 10.0	6.4 x 12.0	13	0.0141	100
2+1	1	7/0.40	0.8	1	7/0.40	0.6	1.4	5.4 x 10.0	6.6 x 12.5	13	0.0135	100
2+1	1.5	1/1.38	0.8	1	1/1.13	0.6	1.4	5.6 x 10.5	6.6 x 12.5	17	0.0123	120
2+1	1.5	7/0.50	0.8	1	7/0.40	0.6	1.4	5.6 x 11.0	7.0 x 13.0	17	0.0116	120
2+1	2.5	1/1.78	0.8	1.5	1/1.38	0.6	1.4	5.8 x 11.5	7.2 x 14.0	22	0.0102	150
2+1	2.5	7/0.67	0.8	1.5	7/0.50	0.6	1.4	6.2 x 12.0	7.4 x 14.5	22	0.0093	150
2+1	4	1/2.25	0.9	2.5	1/1.78	0.6	1.4	6.6 x 13.0	7.8 x 15.5	30	0.0094	210
2+1	4	7/0.85	0.9	2.5	7/0.67	0.6	1.4	6.8 x 14.0	8.2 x 16.5	30	0.0085	210
2+1	6	7/1.04	0.9	4	7/0.85	0.6	1.4	7.4 x 15.5	8.8 x 18.5	39	0.0073	290
2+1	10	7/1.35	1.1	4	7/0.85	0.6	1.5	8.8 x 18.5	10.5 x 21.5	53	0.0069	420
2+1	16	7/1.70	1.1	6	7/1.04	0.6	1.5	9.8 x 21.0	11.5 x 24.5	69	0.0057	590
2+1	25	7/2.14	1.3	6	7/1.04	0.6	1.6	11.5 x 24.5	13.5 x 28.0	92	0.0054	840
2+1	35	19/1.53	1.3	10	7/1.35	0.6	1.7	13.0 x 28.0	15.0 x 32.0	112	0.0047	1120