



VVF

Application and Description:

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

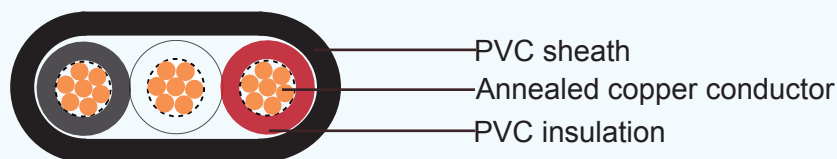
Name Code:

V: Polyvinyl chloride (PVC)

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F : Flat type

Cable Construction:



Conductor: Solid, circular stranded, circular or segmental compacted stranded annealed copper wires

Insulation: Polyvinyl chloride (PVC)

Color :

2 cores- Black and white

3 cores- Black, white and red

Filler: Non-hygroscopic material(optional)

Binding tape: Polyester (Mylar) tape (optional)

Sheath: Polyvinyl chloride (PVC), Black color, other colors are upon request.

Technical Characteristics:

Maximum conductor temperature 70°C

Circuit voltage not exceeding 600 volts

Caledonian Cables Manufacture

Cable Parameter

Diameter /Nominal sectional area	No. of wire	Diameter of Conductor (approx.)	Thickness of insulation	Thickness of sheath	Overall diameter (approx.)	Maximum DC. resistance of Cdr. at 20°C	Test Vltage	Insulation Resistance	Cable weight (approx.)
mm/mm ²		mm	mm	mm	mm	Ohm / km	V	kOhm / km	kg / km
2 cores									
1	solid	1.0	0.8	1.5	5.6x8.2	22.8	1500	50	70
1.2	solid	1.2	0.8	1.5	5.5x8.6	15.8	1500	50	80
1.6	solid	1.6	0.8	1.5	6.2x9.4	8.92	1500	50	105
2.0	solid	2.0	0.8	1.5	6.6x10.5	5.65	1500	50	130
2.6	solid	2.6	1	1.5	7.6x12.5	3.35	1500	50	195
3.2	solid	3.2	1.2	1.5	8.6 x14.5	2.21	1500	50	270
2	7/0.6	1.8	0.8	1.5	6.4x9.8	9.24	1500	50	110
3.5	7/0.8	2.4	0.8	1.5	7.0x11.0	5.20	1500	50	150
5.5	7/1.0	3.0	1	1.5	8.0 x13.0	3.33	1500	50	210
8	7/1.2	3.6	1.2	1.5	9.0x15.0	2.31	1500	50	290
3 cores									
1	solid	1.0	0.8	1.5	5.6x11.0	22.8	1500	50	95
1.2	solid	1.2	0.8	1.5	5.8x11.5	15.8	1501	50	110
1.6	solid	1.6	0.8	1.5	6.2x13.0	8.92	1502	50	145
2.0	solid	2.0	0.8	1.5	6.6x14.0	5.65	1503	50	190
2.6	solid	2.6	1	1.5	7.6x17.0	3.35	1504	50	285
3.2	solid	3.2	1.2	1.5	8.6 x20	2.21	1505	50	400
2	7/0.6	1.8	0.8	1.5	6.4 x13.5	9.24	1506	50	155
3.5	7/0.8	2.4	0.8	1.5	7.0 x15.0	5.20	1507	50	215
5.5	7/1.0	3.0	1	1.5	8.0 x18.0	3.33	1508	50	310
8	7/1.2	3.6	1.2	1.5	9.0x21	2.31	1509	50	430

